



### **ENGINEERING SERVICE CENTER**Port Hueneme, California 93043-4370

#### ANNUAL REPORT AR-2021-ENV

### FISCAL YEAR 2003 SOLID WASTE POLLUTION PREVENTION ANNUAL DATA SUMMARY (SW P2ADS)

by

**Environmental Information Systems Branch** 

March 2004

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#### **EXECUTIVE SUMMARY**

The Solid Waste Pollution Prevention Annual Data Summary (SW P2ADS) tracks the Department of the Navy's progress in meeting the Department of Defense Measures of Merit goals for solid waste and affirmative procurement.

The Measures of Merit goal for solid waste is to ensure the diversion rate for non-hazardous solid waste is greater than 40% by Fiscal Year 2005. This reduction must be accomplished while ensuring integrated non-hazardous solid waste management programs provide an economic benefit when compared with disposal using landfilling and incineration alone. For the sixth consecutive year, the Navy has exceeded the Measures of Merit goal with a 43% diversion rate. The economic benefit for 2003 also meets the goal with an integrated waste management cost avoidance of \$29,337,023.

Other select waste diversion decreased from 68% in 2002 to 56% in 2003. Other select waste data, consisting of mostly construction and demolition debris, shows an increase in recycling percentages. Other select waste provides the extra diversion to help the Navy meet the Measures of Merit goal. Without other select waste the Navy would not have met its goal for 2003.

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### FY03 Solid Waste Pollution Prevention Annual Data Summary (SW P2ADS) NAVY

**Solid Waste and Other Select Waste.** See summary and backup information in Section 1.

1. Number of installations reporting: 106.

2. Number of installations with a Solid Waste Management Plan (SWMP): 91.

3. Number of installations with a Qualified Recycling Program (QRP): 77

Total Annual QRP Tons Recycled: 105,316 Total Annual QRP Costs: \$8,168,036.64 Total Annual QRP Revenues: \$5,429,346.28

4. Number of installations with composting facilities: 12.

5. Number of installations with an active RCRA permitted landfill: 4 (and one foreign landfill.)

6. Solid waste operations summary: \*Recycled and category tons do not agree due to rounding.

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	381,649	25,652,661	N/A
Incinerated	61,957	9543,716	0
Composted	14,646	504,373	29,638
Recycled	*145,952	10,315,016	6,035,298

7. Solid waste recycled summary by category (tons):

Food	1,024
Glass	2,399
Metals	51,695
Other Non-Food	23,833
Paper	38,045
Plastic	1,706
Wood	13,563
Yard/Green Waste	13,681
Total Tons Recycled	*145,946

8. Other select waste summary:

	Disposal	Disposal	Recycled	Recycled	Recycled
Waste Stream	(Tons)	Cost (\$)	(Tons)	Revenues (\$)	Cost (\$)
C&D	327,819	4,000,448	401,955	48,635	1,118,611
Oils	2,343	2,251,160	9,319	351,934	335,427
Antifreeze	419	195,533	170	47,108	101,045
Lead-Acid Batteries	317	90,632	1,811	79,249	200,406

9. Solid and other select waste success stories: See Appendix A and B.

### FY03 Solid Waste Pollution Prevention Annual Data Summary (SW P2ADS) NAVY

**Affirmative Procurement Program (APP).** See summary and backup information in Section 2.

- 1. Number of installations reporting: 101.
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 67
- 3. Number of installations with a recycling program for office/administrative spaces: 95
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 76
- 5. Number of construction and demolition (C&D) projects started during the FY03: 3,697 Number of projects that include recycling of C&D debris: 1,730
- 6. Number of installations that have an APP plan or instruction: 50
- 7. Acquisition personnel (excludes purchase cardholders for less than \$2,500).
  - A. Number of acquisition personnel: 7,267
  - B. Number who received documented APP training within the last three years: 519
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 6,218
  - B. Number who received documented APP training within the last three years: 3,578
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 65
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 54
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 50
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 28
- 11. Affirmative Procurement Program success stories: See Appendix C.

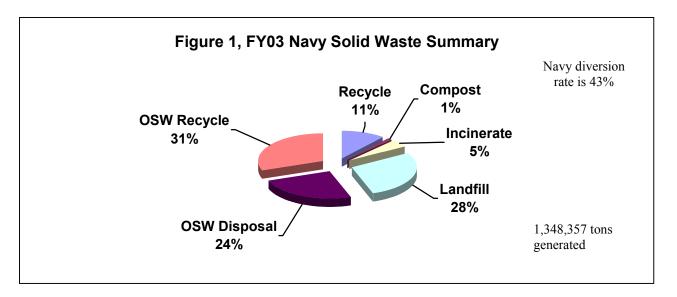
#### SECTION 2 FY03 SOLID WASTE SUMMARY

**2003 Navy Summary.** The Navy has met or exceeded the Department of Defense (DOD) solid waste Measures of Merit (MOM) goal for six consecutive years. The diversion rate decreased from 49% in 2002 to 43% for FY03. The economic benefit for FY03 also meets the economic part of the goal with an integrated waste management cost avoidance of \$29,337,023.

Other select waste (OSW) diversion rate of 56% for FY03 is a decline from 68% in 2002. OSW helped to obtain the overall diversion rate of 43%. Without the OSW contribution, the diversion rate would only be 27%. OSW includes construction and demolition (C&D), waste oil, batteries, and antifreeze.

For FY03, composting tonnage went down by 12,957 tons to 14,646 tons, incineration tonnage increased by 9,194 tons to 61,957, recycling increased by 1,339 tons to 145,952 tons, and landfilling increased by 41,940 tons to 381,649 tons.

Figure 1 shows FY03 Navy solid waste generation with 1,348,357 tons, an increase of 240,299 tons from CY02.



**P2ADS Data Collection.** The P2ADS tracks the Navy's solid waste and other select waste cost, revenues, and tonnage in four ways: landfilling/disposal; incineration; recycling; and composting. With these figures, and the local tipping fee, the DOD's MOM for "non-hazardous solid waste" can be calculated.

**Department of Defense Solid Waste Goal**. The Measures of Merit (MOM) goal is "By the end of FY2005, ensure the diversion rate for non-hazardous solid waste is greater than 40%, while ensuring integrated non-hazardous solid waste management programs provide an economic benefit when compared with disposal using landfilling and incineration alone."

The goal is based on a rate that can be calculated with each year's data thus eliminating the need for a baseline or base year. Waste diversion from landfilling or incineration can be measured by the data we collect for P2ADS. The equation for calculating the diversion rate is shown below:

$$Diversion \ Percent = \frac{\text{Tons Recycled} + \text{Tons Composted} + \text{Tons Other Select Waste Diverted}}{\text{Tons Recycled} + \text{Tons Composted} + \text{Tons Incinerated} + \text{Tons Landfilled} + \text{Tons Other Select Waste}} \times 1000$$

The economic part or economic benefit of the goal compares the cost of diversion and disposal. A positive number shows that the cost of diversion is less than the cost if all the waste were disposed in a landfill or incinerator. The equation accounts for recycling and composting revenues. Individual installations may have a negative economic benefit but the Navy will most likely always have a positive number. The economic benefit or integrated solid waste management cost avoidance equation is shown below.

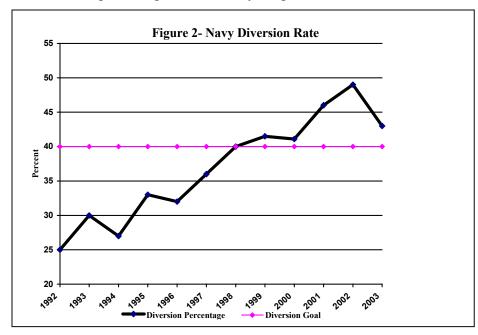
ISWMCA = PDC - ADC where:

ISWMCA = integrated solid waste management cost avoidance (in dollars).

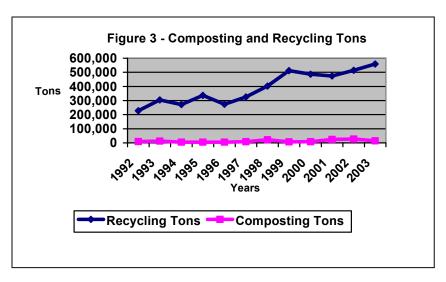
PDC = Potential disposal cost (cost, in dollars, if all waste were landfilled or incinerated).

ADC = Actual disposal cost of integrated solid waste management (in dollars).

**Navy's Diversion Rate.** Figure 2 shows the Navy's FY03 diversion rate as 43%. This diversion rate is a decrease from last year's 49% diversion rate. Without OSW the solid waste diversion rate would be 27%. This decrease in the Navy diversion rate from 49% to 43% results from a decrease in the percentage of C&D recycling.

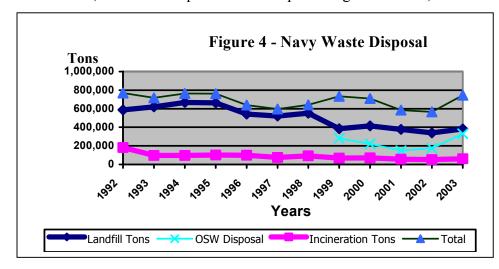


Recycling. Figure 3 shows the composting and recycling tonnage since 1992. The recycling figure includes both refuse and OSW recycling tons. Navy composting decreased from 27,603 tons in CY02 to 14,646 tons for FY03. Refuse recycling increased from 144,613 tons in CY02 to 145,952 tons in FY03 for an increase of 1,339 tons. OSW recycling increased 43,741 tons to 413,255 tons in FY03.



For FY03, the Navy recycled 573,853 tons. Recycling tons includes both traditional recycled refuse and recycled OSW. As shown in Figure 3, the recycling trend has gone up since 1992, with a slight decline for CY00 and CY01 but up again since CY02 through FY03.

**Disposal**. Disposal consists of landfilling, incineration, and OSW disposal. In FY03 landfilling, incineration, and OSW disposal were all up. As Figure 4 shows, overall disposal increased to



744,504 tons. Incineration increased by 9,194 tons to 61,957 tons, landfilling increased by 41,940 tons to 381,649 tons, and OSW disposal increased by 157,043 tons to 330,898 tons.

Table 1 shows the disposal figures for the past two years.

Table 1, Navy Disposal Comparison of CY02 and FY03					
Disposal Category CY02 FY03					
Landfill Tons	379,709	381,649			
Incinerated Tons	52,763	61,957			
OSW Tons	173,855	330,898			
<b>Total Disposal Tons</b>	566,327	744,504			

**Economic Benefit Subpart of MOM Goal.** The economic benefit or integrated solid waste management cost avoidance (ISWMCA) is calculated by using the following equation discussed earlier.

ISWMCA = Potential Disposal Cost (PDC) – Actual Disposal Cost (ADC).

In general, a positive value resulting from the calculation shows cost avoidance. A negative value shows that recycling is more costly than disposal. The Navy's ISWMCA has always been positive. For FY03 the Navy has a positive ISWMCA of \$29,337,023.

**Cost of Solid Waste Management.** The overall cost for FY03 Navy solid waste management was \$54,309,028 for handling 1,348,357 tons of solid waste. Table 2 shows the overall cost for each solid waste operation as well as its cost per ton. The cost includes the total cost to the Navy worldwide to operate or contract for landfilling, incineration, composting, refuse recycling, and disposal and recycling OSW. The cost column does not reflect adjustments for avoided disposal cost or recycling revenues. The cost per ton includes the revenue adjustment and shows the Navy cost per ton for each operation.

Table 2 FY03 Navy Solid Waste Cost					
Operation	Cost (\$)	*Cost Per Ton (\$)			
Landfilling	25,652,661	67.22			
Incineration	9,543,716	154.04			
Composting	504,373	32.41			
Recycling	10,315,016	29.32			
OSW Disposal	6,537,773	19.76			
OSW Recycling	1,755,489	2.97			
Total	54,309,028	40.28			

<sup>\*</sup>Cost per ton includes adjustment for revenues.

**Navy Recycling Program.** The Navy generated \$6,035,298 in recycling revenues from the sale of 145,952 tons at a cost of \$10,315,016. Recycling revenues are down and cost is up for FY03. Recycling revenues are down \$2,662,565 to \$6,035,298 even though recycled tonnage is up by almost 1,339 tons. The cost of recycling increased by \$538,877. This brought the cost of recycling to \$29.32 to recycle a ton of Navy solid waste. This figure includes Qualified Recycling Program (QRP) and Navy Working Capital Fund (NWCF) recycling programs.

OSW recycling amounted to 413,255 tons at a cost of \$1,755,489. The Navy received \$526,926 in revenues for an overall cost of \$2.97 per ton to recycle OSW.

Qualified Recycling Program (QRP) Data. This is the fourth year we have collected QRP data separately. The data shows the QRP recycled 105,316 tons at a cost of \$8,168,036 with revenues of \$5,429,346. This resulted in an overall loss of \$2,738,691 for the Navy QRP. In FY03 the QRP processed 23,297 more tons than last year and received \$791,356 more in revenue while operations cost increased by \$372,101. Replacing "no cost" military labor with government employees factored into the QRP figures. Table 3 shows the revenue, cost, and profit or loss for each claimant.

Table 3						
F	Y03 Claimant Ql	RP Profits and Lo	sses			
Claimant	Claimant Revenue (\$) Cost (\$) Profit or (Loss) (					
BUMED	19,156	54,382	(35,226)			
CNI	4,954,087	6,835,146	(1,881,058)			
NAVAIR	232,791	1,000,501	(767,709)			
NAVSEA	223,312	278,008	(54,697)			
NAVSYSMGT	0	0	0			
PACFLT	0	0	0			
SPAWAR	0	0	0			
NAVY TOTAL	5,429,346	8,168,037	(2,738,690)			

()indicates negative number

Claimant Solid Waste Diversion Goal. The Chief of Naval Operations has directed the claimants to implement the DOD diversion goal. Table 4 shows each claimant with their

corresponding FY03 integrated solid waste management cost avoidance (ISWMCA) and diversion rate. To meet the goal, the ISWMCA should be positive and the diversion rate should be at least 40%.

Four claimants have achieved the diversion goal for FY03: Commander, Navy Installations (CNI); Commander, Naval Air Systems Command (NAVAIR); Commander, Naval Sea Systems

Table 4											
Navy Claimant Diversion Performance											
Claimant ISWMCA (\$) Diversion (%)											
BUMED	97,877	34									
CNI	26,107,183	41									
NAVAIR	1,717,008	79									
NAVSEA	1,352,414	43									
NAVSYSMGT	12,637	58									
PACFLT	40,129	21									
SPAWAR	9,776	29									
NAVY TOTAL	29,337,023	43									

Command (NAVSEA); and Commander, Naval Systems Management (NAVSYSMGT). The overall Navy diversion percentage and ISWMCA is 43% shown at the bottom of Table 4.

**Other Select Waste (OSW).** OSW collects recycling and disposal information for construction and demolition waste; waste oil; waste ethylene glycol based antifreeze; and waste lead acid batteries. Though these wastes can be either hazardous or non-hazardous depending upon state or local laws, they are counted toward DOD's solid waste MOM. Because of its nature, there are many vendors available to recycle OSW waste. If Navy installation solid waste managers take

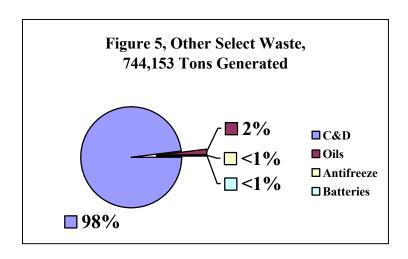
advantage of this, overall diversion rates should increase. FY03 OSW data show across the board decrease in recycling percentages.

Table 5 shows FY03 OSW disposal, recycling, and diversion figures. OSW represents 744,153 tons of the 1,348,357 tons generated or 55% of the waste the Navy generates. C&D alone represents 54% of Navy generation for FY03.

	Table 5 Other Select Waste											
Other Select Waste												
C&D	327,819	4,000,448	401,955	47,109	101,045	55						
Oils	2,343	2,251,161	9,319	351,934	335,427	80						
Antifreeze	419	195,533	170	47,109	101,045	29						
Batteries	317	90,632	1,811	79,249	200,406	85						
Navy Totals	330,898	6,537,774	413,255	526,927	1,755,489	56						

The Navy FY03 diversion rate for OSW is 56%. The individual diversion rates for OSW were all respectable, except for antifreeze. In FY03 the Navy disposed of an additional 255 tons of antifreeze and recycled 14 fewer tons, resulting in the antifreeze diversion rate decrease to 29% in FY03 from 53% in CY02. The diversion rate for construction and demolition debris is down to 55% from 68% in CY02. This is significant because C&D comprises 98% of OSW. The lead acid battery diversion rate is down to 85% in FY03 from 97% in CY02. The oil diversion rate decreased to 80% from 82%.

Figure 5 illustrates the amount of C&D compared to the other OSW components. Construction and demolition will continue to be a challenge in waste diversion. If NAVFAC Guide Specification (NFGS 1572), Construction Waste Management, is used for construction and renovation jobs, the diversion rate for C&D will continue to rise to help the Navy meet the DOD diversion rate.



**Claimant Solid Waste Totals.** The tables in Section 1 Backup Data show detailed claimant data for cost, revenues, tonnage for landfilling, incineration, composting, refuse recycling, and other select waste.

Claimant and Installation Summaries. Section 3 provides additional tables that list the claimant and their installation totals for FY03. The reports list the solid waste totals for each installation, which includes operations and other select waste summary information.

### SECTION 1 BACKUP DATA FY03 P2ADS SOLID WASTE SUMMARY NAVY

	<u>Landfilled</u>		<b>Incinerated</b>			Composted *		Recycled		SW + OSW		
	Tons	Cost	Tons	Cost	Tons	Cost	Tons	Cost	Revenue	ISWMCA Per	rcent	
BUMED	7,401	\$419,389	825	0	0	0	1,572	\$54,382	\$19,156	97,877	34%	
CNI	348,221	\$21,683,219	51,996	\$8,754,922	13,648	\$470,761	119,298	\$8,078,213	\$4,965,142	\$26,107,183	41%	
NAVAIR	9,823	\$1,004,188	0	0	588	0	5,171	\$1,000,501	\$232,603	\$1,717,008	79%	
NAVSEA	15,022	\$2,494,562	7,639	\$493,622	11	\$24,483	18,491	\$1,174,199	\$818,396	\$1,352,414	43%	
NAVSYSMGT	364	\$15,288	0	0	352	\$4,830	629	\$7,720	0	\$12,637	58%	
PACFLT	11	\$1,311	1,394	\$174,946	0	0	474	0	0	\$40,129	21%	
SPAWAR	807	\$34,704	103	\$120,226	47	\$4,299	317	0	0	\$9,776	29%	
TOTAL:	381,649	\$25,652,661	61,957	\$9,543,716	14,646	\$504,373	145,952	\$10,315,016	\$6,035,298	\$29,337,023	43%	

<sup>\*</sup>Two CNI Activities reported Composted Revenues of \$29,638.

## SECTION 1 BACKUP DATA FY03 P2ADS SOLID WASTE INSTALLATION PROGRAMS NAVY

					<b>QUALIFIED RECYCLING PROGRAM</b>					
	SWMP LA	NDFILI	L <b>QRP</b>	TONS	REVENUES	COST	PROFIT/LOSS			
BUMED	5	0	5	1,505	\$19,156.07	\$54,382.00	(\$35,226)			
CNI	69	3	63	92,947	\$4,954,087.40	\$6,835,145.53	(\$1,881,058)			
NAVAIR	3	0	3	5,171	\$232,791.27	\$1,000,500.73	(\$767,709)			
NAVSEA	10	1	5	5,220	\$223,311.54	\$278,008.38	(\$54,697)			
NAVSYSMGT	1	0	0	0	0	0	0			
PACFLT	2	0	1	474	0	0	0			
SPAWAR	1	0	0	0	0	0	0			
NAVY TOTALS:	91	4	77	105,316	\$5,429,346.28	\$8,168,036.64	(\$2,738,690)			

### SECTION 1 BACKUP DATA FY03 P2ADS OTHER SELECT WASTE SUMMARY NAVY

	Waste Stream	Disposal Tons	Disposal Cost	Recycled Tons	Recycled Cost	Recycle Revenues	OSW ISWMCA	OSW % Diversion
BUMED								
	Antifreeze	0.13	\$230	3.40	\$1,120	0		
	C&D	140.51	\$4,233	2,665.10	\$18,122	0		
	Lead-Acid	0.20	\$325	15.33	\$180	0		
	Oils	1.50	\$387	4.26	\$106	0		
BUI	MED TOTALS	142.34	\$5,175	2,688.09	\$19,528	0	\$69,005	94.97%
CNI								
	Antifreeze	394.14	\$179,695	139.95	\$94,503	\$46,228		
	C&D	305,182.85	\$3,426,562	339,757.17	\$906,225	\$25,687		
	Lead-Acid	283.13	\$33,776	1,082.57	\$181,298	\$77,458		
	Oils	1,897.83	\$2,103,089	8,714.37	\$327,053	\$351,934		
CNI	TOTALS	307,757.96	\$5,743,123	349,694.06	\$1,509,080	\$501,308	\$19,807,910	53.19%
NAVAIR								
	Antifreeze	0	0	9.60	\$1,238	0		
	C&D	4,277.00	\$159,879	48,557.50	\$18,618	\$2,948		
	Lead-Acid	8.30	\$8,032	48.90	0	\$418		
	Oils	227.20	\$70,537	70.50	0	0		
NA	VAIR TOTALS	4,512.50	\$238,448	48,686.50	\$19,856	\$3,366	\$2,216,755	91.52%
NAVSEA								
	Antifreeze	24.36	\$15,500	17.29	\$4,185	\$880		
	C&D	17,385.12	\$392,321	10,775.38	\$168,945	\$20,000		
	Lead-Acid	23.78	\$47,683	663.05	\$18,928	\$1,373		
	Oils	214.07	\$75,392	527.78	\$6,568	0		
NA	VSEA TOTALS	17,647.33	\$530,897	11,983.51	\$198,625	\$22,253	\$623,225	40.44%

### SECTION 1 BACKUP DATA FY03 P2ADS OTHER SELECT WASTE SUMMARY NAVY

Waste Stream	Disposa Tons	l Disposal Cost	Recycled Tons	Recycled Cost	Recycle Revenues	OSW ISWMCA	OSW % Diversion
NAVSYSMGT							
C&D	500.00	\$8,320	200.00	\$6,700	0		
Lead-Acid	0	\$61	0	0	0		
Oils	2.00	\$205	0	0	0		
NAVSYSMGT TOTAL	S 502.00	\$8,586	200.00	\$6,700	0	(\$1,300)	28.49%
PACFLT							
Antifreeze	0.02	\$108	0	0	0		
C&D	333.76	\$9,133	0	0	0		
Lead-Acid	1.37	\$569	0	0	0		
Oils	0.54	\$1,550	0	0	0		
PACFLT TOTALS	335.69	\$11,361	0	0	0	0	0%
SPAWAR							
Lead-Acid	0.10	\$185	0.95	0	0		
Oils	0	0	1.90	\$1,700	0		
SPAWAR TOTALS	0.10	\$185	2.85	\$1,700	0	(\$1,577)	96.61%
NAVY TOTAL: 3	30,897.92	\$6,537,775	413,255.00	\$1,755,489	\$526,927	\$22,714,019	55.53%

#### SECTION 2 FY03 AFFIRMATIVE PROCUREMENT PROGRAM SUMMARY

OPNAVINST 5090.1B requires Navy installations and government owned contractor operated (GOCO) facilities worldwide that generate one or more tons of solid waste per day to report Affirmative Procurement Program (APP) information. This is the second year this data has been reported.

**2003 Navy Summary**. Of the 101 installations that reported, 67, or 66% have updated, improved, or instituted a solid waste management plan, pollution prevention plan, waste reduction project, recycling project, or other project that reduced waste.

Of the 101 installations that reported, 95, or 94% reported that they have a recycling program in the office or administrative spaces. Also, 76, or 75% of the installations reported recycling in residential areas.

Construction projects included only recycling construction and demolition debris in 1,730 out of 3,697 or 47% projects. This is a clear indication that there is room for improvement.

Only 50 installations or 50% have an APP plan, however, many installations are preparing plans. Of the 7,267 acquisition personnel only 519, or 7%, have attended training in the last three years. Of the 6,218 purchase cardholders, only 3,578, or 58%, have received APP training.

Of the 101 installations reporting only 65, or 64%, have conducted environmental compliance audits/inspections of their APP during this reporting period.

**Claimant Solid Waste Totals.** The table in Section 2 Backup Data shows detailed claimant data for the affirmative procurement program.

**Claimant and Installation Summaries.** Section 3 provides additional tables for each claimant that lists the installation totals for FY03 affirmative procurement.

### SECTION 2 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT NAVY

Updated Plans	Recycling Office Spaces	g Programs Housing, Quarter	C& Projects Started	Includes Recycling	AP Plan	Acquis		Purchase Ca Personnel			llations wi Findings Reported	Actions	
BUMED													
3	5	4	92	42	2	50	6	626	38	3	1	1	1
<b>CNI</b> 52	70	61	1,984	1598	40	2,749	319	4,004	3005	50	42	38	24
NAVAII	R												
0	3	3	8	7	2	1,068	32	283	283	2	1	1	1
NAVSEA 11 NAVSYS	14	6	1,579	53	3	3,257	120	1,056	208	8	8	8	2
1	1	1	30	30	1	4	3	20	20	1	1	1	0
PACFLT 0 SPAWA 0	1	0	0	0	1	39	39	24	24	0	1	0	0
U	•	V	· ·	V		100	0	200	U	•	v	0	O
NAVY 67	95	76	3,697	1730	50	7,267	519	6,218	3578	65	54	50	28

#### **SECTION 3**

#### FY03 Solid Waste Pollution Prevention Annual Data Summary (SW P2ADS) BUREAU OF MEDICINE AND SURGERY (BUMED)

#### Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 6.

2. Number of installations with a Solid Waste Management Plan (SWMP): 5.

3. Number of installations with a Qualified Recycling Program (QRP): 5

Total Annual QRP Tons Recycled: 1,505 Total Annual QRP Costs: \$4,382.00 Total Annual QRP Revenues: \$19,156.07

4. Number of installations with composting facilities: 0.

5. Number of installations that have an active RCRA permitted landfill: 0.

6. Solid waste operations summary:

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	7,401	419,389	N/A
Incinerated	825	0	0
Composted	0	0	0
Recycled	1,572	54,382	19,156

7. Solid waste recycled summary by category (tons):

Food	19
Glass	34
Metals	156
Other Non-Food	12
Paper	957
Plastic	1
Wood	105
Yard/Green Waste	288
Total Tons Recycled	1,572

8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	140.51	4,233.32	2,665.10	18,122.20	0
Oils	1.50	386.94	4.26	16.48	0
Antifreeze	0.13	229.68	3.40	4,119.60	0
Lead-Acid Batteries	0.20	325.00	15.33	180.00	0

#### **SECTION 3**

#### FY03 Pollution Prevention Annual Data Summary (P2ADS) BUREAU OF MEDICINE AND SURGERY (BUMED)

#### Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 5
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 3
- 3. Number of installations with a recycling program for office/administrative spaces: 5
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 4
- 5. Number of construction and demolition (C&D) projects started during the FY03: 92 Number of projects that include recycling of C&D debris: 42
- 6. Number of installations that have an APP plan or instruction: 2
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 50
  - B. Number who received documented APP training within the last three years: 6
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 626
  - B. Number who received APP training within the last three years: 38
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 3
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 1
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 1
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 1
- 11. Affirmative Procurement Program success stories: See Appendix C.

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE INSTALLATION PROGRAMS BUREAU OF MEDICINE AND SURGERY (BUMED)

					•	QUALIFIED REC	CYCLING PRO	OGRAM
INSTAL	LATION	SWMP L	ANDFIL	L QRP	<b>TONS</b>	REVENUES	COST	PROFIT/LOSS
N00168	NATNAVMEDCEN BETHESDA	Yes	No	Yes	917	0	\$52,782.00	(\$52,782)
N00183	NAVMEDCEN PORTSMOUTH	Yes	No	Yes	178	\$14,994.16	0	\$14,994
N00259	NAVMEDCEN SAN DIEGO	Yes	No	Yes	239	\$4,011.91	0	\$4,012
N61337	NAVHOSP BEAUFORT	Yes	No	Yes	128	\$150.00	\$600.00	(\$450)
N68084	NAVHOSP CHARLESTON SC	Yes	No	No	0	0	0	0
N68095	NAVHOSP BREMERTON	No	No	Yes	43	0	\$1,000.00	(\$1,000)
CLAIM	ANT TOTALS:	5	0	5	1,505	\$19,156.07	\$54,382.00	(\$35,226)

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY BUREAU OF MEDICINE AND SURGERY (BUMED)

	_										SW Ope		SW + O	SW
	Landfil		Incinerated	1		Composted			Recycled		<b>Cost (\$)</b>	%		
	Tons	Cost	Tons Cost		Tons	Cost (\$)	Revenue	Tons	Cost	Revenue (\$)	Avoided	Diversion I	SWMCA Di	iversion
	N00168NAT	NAVMEDCE	N BETHESDA											
	3,213	290,685	0	0	0	0	0	917	52,782	0	-12,434	22%	3,507	34%
	N00183 NAVN									44.004		-10/		·
	92	0	825	0	0	0	0	245	0	14,994	21,732	21%	72,793	67%
	N00259 NAVI	MEDCEN SAN	N DIEGO											
5	2,106	0	0	0	0	0	0	239	0	4,012	14,050	10%	14,050	10%
	N61337 NAVI		ORT											
	1,400	49,000	0	0	0	0	0	128	600	150	4,030	8%	4,030	8%
	N68084 NAVI	HOSP CHARL	ESTON SC											
	353	50,977	0	0	0	0	0	0	0	0	0	0%	0	0%
N68095 NAVHOSP BREMERTON														
	237	28,727	0	0	0	0	0	43	1,000	0	1,494	15%	3,497	30%
	BUMED 7	Total:												
	7,401	\$419,389	825	0	0	0	0	1,572	\$54,382	\$19,156	\$28,87	2 16%	\$97,877	34%

### SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY BUREAU OF MEDICINE AND SURGERY (BUMED)

	Waste Stream	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenues(\$	ISWMCA(\$	% Diversion
N00168	NATNAVMEDO	CEN BETHESDA	Λ					
	Oils	0	0	0.06	106	0		
	Antifreeze	0.13	230	0	0	0		
	Lead-Acid	0	0	4.34	0	0		
	C&D	0	0	763.01	17,719	0		
		0.13	\$230	767.41	\$17,825	0	\$15,941	100%
N00183	NAVMEDCEN I	PORTSMOUTH						
	C&D	126.00	3,465	1,842.00	0	0		
	Antifreeze	0	0	0.60	0	0		
	Lead-Acid	0	0	9.99	0	0		
	Oils	0	0	4.20	0	0		
		126.00	\$3,465	1,856.79	0	0	\$51,062	94%
N61337	NAVHOSP BEA	UFORT						
	Oils	0.50	0	0	0	0		
	Lead-Acid	0.20	325	0	0	0		
	C&D	3.00	105	0	0	0		
		3.70	\$430	0	0	0	0	0%
N68095	NAVHOSP BRE	MERTON						
	C&D	11.51	663	60.09	403	0		
	Oils	1.00	387	0	0	0		
	Antifreeze	0	0	2.80	1,120	0		
	Lead-Acid	0	0	1.00	180	0		
		12.51	\$1,050	63.89	\$1,703	0	\$2,003	84%
BU	JMED TOTAL	142.34	\$5,175	2,688.09	\$19,528	0	\$69,005	95%

## SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT BUREAU OF MEDICINE AND SURGERY (BUMED)

	Recyclin	g Programs	D							Audi	ts		
Update	-	Housing,	<b>Projects</b>	Includes		Acqui	sition	Purchase Ca	rdholders		Findings	Actions	
Plans	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducted	Reported	Tracked	Affect
N00168 N	NATNAVMEI	OCEN BETHESI	DA										
Yes	Yes	Yes	15	12	Yes	12	3	347	29	Yes	No	No	No
N00183 N	NAVMEDCEN	N PORTSMOUT	Н										
Yes	Yes	No	0	0	No	23	0	92	0	No	No	No	No
N00259 N	NAVMEDCEN	N SAN DIEGO											
No	Yes	Yes	27	12	No	9	0	151	0	No	No	No	No
N61337 N	NAVHOSP BE	EAUFORT											
No	Yes	Yes	0	0	Yes	3	3	9	9	Yes	Yes	Yes	Yes
N68095 N	NAVHOSP BE	REMERTON											
Yes	Yes	Yes	50	18	No	3	0	27	0	Yes	No	No	No

#### **BUMED SUMMARY**

# of installations with updated plans:	3	# of acquisition personnel:	50
# of installations with office recycling program:	5	# of acquisition personnel trained in last 3 years:	6
# of installations housing recycling programs:	4	# of purchase cardholders:	626
# of C&D projects started:	92	# of purchase cardholders trained in last 3 years:	38
# of C&D projects that include recycling:	42	# of Installations with audits conducted in the last year:	3
# of installations with an AP Plan or Instruction:	2	# of installations with audit findings reported to senior levels:	1
		# of installations with audit findings tracked by senior levels:	1
		# of installations that assessed effectiveness of audits:	1

#### **SECTION 3**

### FY03 Solid Waste Pollution Prevention Annual Data Summary (SW P2ADS) COMMANDER, NAVY INSTALLATIONS (CNI)

Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 77

2. Number of installations with a Solid Waste Management Plan (SWMP): 69.

3. Number of installations with a Qualified Recycling Program (QRP): 63

Total Annual QRP Tons Recycled: 92,947 Total Annual QRP Costs: \$6,835,145.50 Total Annual QRP Revenues: \$4,954,087.40

4. Number of installations with composting facilities: 10

5. Number of installations that have an active RCRA permitted landfill: 5

6. Solid waste operations summary: \*Recycled and category tons do not agree due to rounding.

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	348,221	21,683,219	N/A
Incinerated	51,996	8,754,922	0
Composted	13,648	470,761	29,638
Recycled	*119,298	8,078,213	4,965,142

7. Solid waste recycled summary by category (tons):

Food	948
Glass	2,225
Metals	38,308
Other Non-Food	20,740
Paper	31,324
Plastic	1,598
Wood	11,398
Yard/Green Waste	12,752
Total Tons Recycled	*119,293

8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	305,182.85	3,426,562.46	339,757.17	906,225.18	25,687.30
Oils	1,897.83	2,103,089.19	8,714.37	327,053.06	351,933.61
Antifreeze	394.14	179,695.34	139.95	94,503.43	46,228.45
Lead-Acid Batteries	283.13	33,776.34	1,082.57	181,298.12	77,458.27

9. Solid and other select waste success stories: See Appendix A and B.

#### **SECTION 3**

### FY03 Pollution Prevention Annual Data Summary (SW P2ADS) COMMANDER, NAVY INSTALLATIONS (CNI)

#### Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 72
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 52
- 3. Number of installations with a recycling program for office/administrative spaces: 70
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 61
- 5. Number of construction and demolition (C&D) projects started during the FY03: 1,984 Number of projects that include recycling of C&D debris: 1,598
- 6. Number of installations that have an APP plan or instruction: 40
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 2,749
  - B. Number who received documented APP training within the last three years: 319
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 4,004
  - B. Number who received APP training within the last three years: 3,005
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 50
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 42
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 38
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 24
- 11. Affirmative Procurement Program success stories: See Appendix C.

						QUALIFIED RECYCLING PROGRAM				
INSTALLAT	TION	SWMP L	ANDFIL	L QRP	TONS	REVENUES	COST	PROFIT/LOSS		
N00129 SI	UBASE NEW LONDON	Yes	No	No	0	0	0	0		
N00158 N	IAS JRB WILLOW GROVE	Yes	No	Yes	301	\$19,000.00	\$11,136.00	\$7,864		
N00161 U	JSNA ANNAPOLIS	Yes	No	Yes	1,691	\$48,010.66	\$240,943.00	(\$192,932)		
N00171 C	COMNAVDIST WASHINGTON DC	Yes	No	Yes	4,304	\$381,763.64	\$196,950.00	\$184,814		
N00173 N	IRL WASHINGTON	Yes	No	No	0	0	0	0		
N00196 N	JAS ATLANTA	Yes	No	Yes	28	\$1,381.89	0	\$1,382		
N00204 N	IAS PENSACOLA	Yes	No	Yes	1,537	\$149,927.00	\$132,400.00	\$17,527		
N00205 N	IAVSUPPACT NEW ORLEANS	Yes	No	No	142	\$3,637.82	0	\$3,638		
N00206 N	IAS JRB NEW ORLEANS	Yes	No	Yes	290	\$4,618.80	\$23,718.00	(\$19,099)		
N00207 N	IAS JACKSONVILLE	Yes	No	Yes	1,456	\$124,482.00	\$22,460.00	\$102,022		
N00210 N	ITC GREAT LAKES	Yes	No	Yes	3,207	\$75,937.00	\$67,000.00	\$8,937		
N00213 N	IAS KEY WEST	Yes	No	No		0	0	0		
N00216 N	IAS CORPUS CHRISTI	Yes	No	Yes	351	\$15,160.41	\$114,811.66	(\$99,651)		
N00245 N	JAVBASE SAN DIEGO	Yes	No	Yes	4,478	\$228,527.00	\$349,116.00	(\$120,589)		
N00246 N	IAVBASE CORONADO SAN DIEGO	Yes	No	Yes	4,691	\$375,361.00	\$573,430.00	(\$198,069)		
N00389 N	IAVSTA ROOSEVELT ROADS	Yes	Yes	Yes	147	\$5,852.87	\$72,911.92	(\$67,059)		
N00620 N	IAS WHIDBEY ISLAND	Yes	Yes	Yes	5,901	\$161,913.14	\$483,882.00	(\$321,969)		
N00639 N	IAVSUPPACT MID-SOUTH	Yes	No	Yes	1,080	\$54,195.00	\$141,007.32	(\$86,812)		
N00950 N	ICTAMS EASTPAC WAHIAWA	Yes	No	Yes	6	0	0	0		
N0534A PA	ACMISRANFAC BARKING SANDS	Yes	No	Yes	25	\$23,677.14	\$1,244.86	\$22,432		
N31188 N	IAVSECGRUACT SUGAR GROVE	Yes	No	Yes	36	\$1,136.43	0	\$1,136		
N32253 Pl	EARL HARBOR NSY & IMF	Yes	No	Yes	1,297	\$32,114.00	\$98,754.00	(\$66,640)		
N32411 N	IAVSTA NEWPORT	Yes	No	Yes	1,055	\$12,269.30	\$83,356.04	(\$71,087)		

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				QUALIFIED RE	CYCLING PR	OGRAM		
INSTALI	LATION	SWMP L	ANDFIL	L QRP	TONS	REVENUES	COST	PROFIT/LOSS
N32414	NAVSUPPACT MECHANICSBURG	Yes	No	Yes	1,882	\$83,611.57	\$159,975.00	(\$76,363)
N32416	NAVSTA BREMERTON COMPLEX	No	No	Yes	6,438	\$48,949.00	\$129,824.32	(\$80,875)
N32445	NAVSUPPACT PHILADELPHIA	Yes	No	Yes	462	\$14,443.00	\$195,275.00	(\$180,832)
N32778	COMFLEACT CHINHAE	Yes	No	No	0	0	0	0
N32960	NAVSUPPACT LA MADDALENA	Yes	No	Yes	360	0	\$79,890.00	(\$79,890)
N42237	SUBASE KINGS BAY	No	Yes	Yes	952	\$113,373.00	\$80,913.00	\$32,460
N43456	NAVSECGRUACT KUNIA	Yes	No	Yes	140	\$7,481.90	\$1,942.22	\$5,540
N47615	WPNSTA SEAL BEACH	Yes	No	Yes	386	\$15,144.00	\$23,136.00	(\$7,992)
N60042	NAF EL CENTRO	Yes	No	Yes	225	\$14,258.00	\$21,782.00	(\$7,524)
N60087	NAS BRUNSWICK	Yes	No	Yes	558	\$6,136.00	\$18,750.00	(\$12,614)
N60191	NAS OCEANA	Yes	No	Yes	858	\$82,959.86	\$211,627.00	(\$128,667)
N60201	NAVSTA MAYPORT	Yes	No	Yes	2,804	\$241,402.45	\$89,346.45	\$152,056
N60241	NAS KINGSVILLE	Yes	No	Yes	205	\$459.18	\$40,000.00	(\$39,541)
N60495	NAS FALLON	Yes	No	Yes	717	\$48,515.00	\$74,115.00	(\$25,600)
N60508	NAS WHITING FIELD	No	No	No	0	0	0	0
N60514	NAVSTA GUANTANAMO BAY	Yes	No	No	0	0	0	0
N61006	NAVSUPPACT ATHENS	Yes	No	Yes	268	\$2,567.00	\$540.00	\$2,027
N61008	NAVSUPPACT PANAMA CITY	Yes	No	No	0	0	0	0
N61014	NAVSUPPACT MONTEREY	No	No	No	0	0	0	0
N61028	COMFLEACT YOKOSUKA	Yes	No	Yes	1,085	\$322,055.92	\$286,279.45	\$35,776
N61078	NAVSUPPFAC DIEGO GARCIA	Yes	Yes	Yes	1,894	\$22,000.00	\$11,798.00	\$10,202
N61414	NAVPHIBASE LITTLE CREEK	Yes	No	Yes	1,230	\$99,306.00	\$306,715.00	(\$207,409)
N61755	COMNAVMARIANAS	Yes	Yes	No	0	0	0	0

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			QUALIFIED RECYCLING PROGRAM					
INSTALI	LATION	SWMP L	ANDFIL	L QRP	TONS	REVENUES	COST	PROFIT/LOSS
N62254	COMFLEACT OKINAWA	Yes	No	Yes	21	0	\$5,500.00	(\$5,500)
N62507	NAF ATSUGI	Yes	No	Yes	7	\$3,507.00	\$126.00	\$3,381
N62585	COMNAVACT LONDON	Yes	No	Yes	240	\$140.00	\$4,698.00	(\$4,558)
N62588	NAVSUPPACT NAPLES	Yes	No	No	0	0	0	0
N62604	CBC GULFPORT	Yes	No	Yes	751	\$164,000.00	\$95,000.00	\$69,000
N62688	NAVSTA NORFOLK	Yes	No	Yes	11,735	\$349,993.00	\$423,839.00	(\$73,846)
N62735	COMFLEACT SASEBO	Yes	No	Yes	1,180	\$201,056.00	\$90,000.00	\$111,056
N62755	PWC PEARL HARBOR	Yes	No	Yes	2	0	0	0
N62813	NAVSTA PEARL HARBOR	Yes	No	Yes	3,159	\$156,653.49	\$174,828.07	(\$18,175)
N62863	NAVSTA ROTA	No	No	Yes	654	\$30,231.00	\$46,500.00	(\$16,269)
N62995	NAS SIGONELLA	Yes	No	Yes	1,299	\$18,610.99	\$154,809.09	(\$136,198)
N63005	NAVSUPPACT BAHRAIN	Yes	No	Yes	1,048	\$17,000.00	0	\$17,000
N63032	NAS KEFLAVIK	Yes	No	No	0	0	0	0
N63042	NAS LEMOORE	Yes	No	Yes	657	\$54,104.00	\$82,653.00	(\$28,549)
N63043	NAS MERIDIAN	Yes	No	Yes	969	\$2,115.00	\$120,000.00	(\$117,885)
N63082	NTTC CORRY STATION	No	No	Yes	243	\$13,758.00	\$6,606.00	\$7,152
N63126	NBVC POINT MUGU	Yes	No	Yes	935	\$77,458.00	\$118,331.00	(\$40,873)
N63406	NAVBASE POINT LOMA SAN DIEGO	Yes	No	Yes	1,105	\$87,809.00	\$134,144.00	(\$46,335)
N66691	NAVSUPPACT SOUDA BAY	Yes	No	Yes	58	0	\$16,739.00	(\$16,739)
N68047	NRCC SINGAPORE	No	No	No	0	0	0	0
N68297	NAVMAG LUALUALEI	Yes	No	Yes	0	0	0	0

						QUALIFIED RECYCLING PROGRAM				
INSTALI	LATION	SWMP LANDFILL QRP			<b>TONS</b>	REVENUES	COST	PROFIT/LOSS		
N68322	NETPMSA SAUFLEY FIELD	No	No	Yes	24	\$5,023.00	\$968.00	\$4,055		
N68436	SUBASE BANGOR	Yes	No	Yes	8,998	\$259,031.00	\$327,165.00	(\$68,134)		
N68890	NAVSTA PASCAGOULA	Yes	No	Yes	84	\$6,726.31	\$11,000.00	(\$4,274)		
N68891	NAVSTA INGLESIDE	Yes	No	Yes	306	\$9,728.74	\$75,000.00	(\$65,271)		
N68967	NAVSTA EVERETT	Yes	No	Yes	406	\$20,378.90	\$2,725.30	\$17,654		
N69212	WPNSTA YORKTOWN	Yes	No	Yes	3,311	\$373,093.99	\$175,607.00	\$197,487		
N69213	WPNSTA EARLE COLTS NECK	Yes	No	No	0	0	0	0		
N69214	WPNSTA CHARLESTON	Yes	No	Yes	568	\$86,490.00	\$84,497.00	\$1,993		
N69232	NBVC PORT HUENEME	Yes	No	Yes	1,523	\$126,554.00	\$193,333.00	(\$66,779)		
N83447	NAS JRB FORT WORTH	Yes	No	Yes	1,180	\$48,999.00	\$146,047.83	(\$97,049)		
CLAIM	ANT TOTALS:	69	5	63	92,947	\$4,954,087.40	\$6,835,145.5	(\$1,881,058)		

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY COMMANDER, NAVY INSTALLATIONS (CNI)

SW Operations

								SW Operations					
La	andfilled	Inci	inerated		Composted			Recycled		Cost (\$)	%	SW + OS	W
Tons	Cos	Tons	Cost	Tons	<b>Cost (\$)</b>	Revenue	Tons	Cost	Revenue (\$)	Avoided	DiversionIS	SWMCA Diversion	on
N00129 S	UBASE NE	W LONDON											
351			406,686	0	0	0	4,369	0	11,457	208,062	2 37%	225,443	38%
N00158 N	IAS IPP WI	LLOW GROV	F				,		,	,		,	
1100136 1		0 743		0	0	0	301	11,136	19,000	32,540	5 29%	30,100	35%
			01,440	U	O	Ů.	301	11,130	15,000	32,340	27/0	30,100	3370
2,773	JSNA ANNA 385,8		0	319	2,400	11,250	1,224	240,943	48,010	-83,788	36%	210,206	47%
,	<i>'</i>			319	2,400	11,230	1,224	240,943	48,010	-03,/00	5 30%	210,200	4/70
		ST WASHING		100	5 400	0	4.204	106.050	201.764	400.01	400/	400.01.4	400/
4,211			19,691	108	5,400	0	4,304	196,950	381,764	400,014	49%	400,014	49%
	IRL WASHI												
1,318	163,8	39 15	3,852	0	0	0	415	56,000	0	27,000	) 24%	30,761	24%
N00196 N	NAS ATLAN	TA											
929	25,8	12 0	0	0	0	0	93	0	3,164	6,326	5 9%	9,013	14%
N00204 N	IAS PENSA	COLA											
39,383	524,9	50 0	0	500	16,848	0	1,537	132,400	149,927	55,678	8 5%	60,068	5%
N00205 N	JAVSUPPAC	CT NEW ORL	EANS										
2,380				0	0	0	142	0	3,638	8,324	4 6%	10,474	5%
		W ORLEANS							,	,		,	
934			0	120	0	0	290	23,718	4,619	-5,569	9 31%	-531	21%
	JAS JACKS(				•		_, _		.,	-,,-			
8,706			0	413	17,732	0	1,614	22,460	124,482	152,640	) 19%	206,533	28%
			U	413	17,732	U	1,014	22,400	124,402	132,040	J 1970	200,333	2070
	TC GREAT		0	207	0	0	2 207	(7,000	75.027	270.00	7 100/	0.000.025	960/
15,184			U	287	0	U	3,207	67,000	75,937	270,987	7 19%	8,098,935	86%
	IAS KEY W		602 642	0	0	0	151	24.004	0	12.01/	20/	14.104	10/
0		0 4,251	603,642	0	0	0	151	24,984	0	-13,810	3%	-14,124	1%
	NAS CORPU												
4,783	485,6	66 0	0	0	0	0	1,025	129,272	54,770	-46,140	18%	-41,983	15%

### **SECTION 3 BACKUP DATA**

#### FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY

### **COMMANDER, NAVY INSTALLATIONS (CNI)**

										SW Ope	erations		
Landfil	led	Incine	rated		Composted			Recycled		Cost (\$)	%	SW + OS	W
Tons	Cost	Tons	Cost	Tons	Cost (\$)	Revenue	Tons	Cost	Revenue (\$)	Avoided	DiversionIS	WMCA Diversio	n
N00245 NAVI 15,960	BASE SAN D 357,357	DIEGO 0	0	0	0	0	4,478	349,116	228,517	85,389	22%	1,463,283	63%
N00246 NAVI				· ·	v	V	1,170	319,110	220,317	05,507	22/0	1,103,203	0370
21,310	736,484	0	0	0	0	0	4,691	573,430	375,361	17,717	18%	348,368	39%
N00389 NAVS		-		1 150	50,000	0	200	122.012	5.052	107 120	200/	25.000	40/
3,738	571,517	0	0	1,159	50,000	0	389	122,912	5,853	-105,139	29%	-25,099	4%
N00620 NAS													
3,570	803,643	0	0	1,257	103,074	0	4,644	380,808	161,913	22,059	62%	74,782	65%
N00639 NAVS 2,329	SUPPACT M 358,820	ID-SOUTH 0	MEMPHIS 0	550	12,750	0	1,096	145,771	54,195	-53,103	41%	-54,267	18%
				330	12,750	· ·	1,000	113,771	31,173	55,105	1170	31,207	1070
N00950 NCTA	114	AC WAHIA 121		0	0	0	(	0	0	508	5%	500	00/
1			15,189	0	0	0	6	0	U	308	3%	508	0%
N0534A PACN 761	MISRANFAC 42,616	BARKING 0	SANDS 0	47	2,632	0	232	37,656	1,550	-23,114	27%	-23,734	23%
N31188 NAVS	SECGRUAC	Γ SUGAR C	GROVE										
104	56,000	0	0	0	0	0	36	0	1,136	3,476	26%	3,316	27%
N32253 PEAR 2,423	L HARBOR 241,902	NSY & IMI 2,384	F 259,453	74	2,632	0	1,297	98,754	32,114	46,797	22%	353,912	52%
			237,433	/ 4	2,032	Ü	1,277	70,754	32,114	40,777	22/0	333,712	3270
N32411 NAVS			0	0	0	0	1.055	02.256	12.260	12.062	210/	127,000	((0/
2,351	404,398	0	0	0	0	0	1,055	83,356	12,269	-13,062	2 31%	126,099	66%
N32414 NAVS													
3,128	203,555	0	0	0	0	0	2,460	179,920	83,612	73,432	44%	275,938	53%
N32416 NAVS	STA BREME	RTON CON	<b>MPLEX</b>										
1,763	207,883	0	0	0	0	0	6,438	129,824	48,949	292,529	79%	266,405	68%
N32445 NAVS	SUPPACT PH	HILADELPI	HIA										
3,271	292,755	0	0	3	0	0	451	195,275	14,443	-140,199	12%	-121,434	18%

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# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY COMMANDER, NAVY INSTALLATIONS (CNI)

										SW Op	erations		
Landi			erated		Composted			Recycled		Cost (\$)	%	SW + OSV	
Tons	Cost	Tons	Cost	Tons	<b>Cost (\$)</b>	Revenue	Tons	Cost	Revenue (\$)	Avoided	DiversionIS	SWMCA Diversio	n
N32778 COM	MFLEACT CH	INHAE											
150	36,592	0	0	0	0	0	50	0	1,329	3,029	25%	1,846	20%
N32960 NAV	SUPPACT LA	MADDA	LENA									·	
1,117	170,750	0	0	0	0	0	360	79,890	0	-60,882	2 24%	-59,757	25%
	BASE KINGS E	RAV						,		,		,	
6,308	512,101	0	0	478	30,647	0	1,147	80,913	124,267	49,188	3 20%	52,746	21%
,	/SECGRUACT	L KI INII V	-	.,,	2 0,0 17	•	-,- :,		1,1	.,,		2=,, 10	
12	737	221	13,571	14	550	0	140	1,942	7,482	17,505	5 40%	17,505	40%
	NSTA SEAL B		10,071			· ·	1.0	1,2 .=	7,102	17,000		17,000	.0,0
319	197,319	EACH 0	0	0	0	0	386	23,126	15,144	3,513	3 55%	1,168	52%
	EL CENTRO		V	0	U	U	300	23,120	13,111	3,312	3370	1,100	3270
1,956	87,206	0	0	0	0	0	225	21,782	14,258	-324	10%	16,079	28%
	·	_	U	U	U	U	223	21,702	14,236	-322	10/0	10,079	20/0
N6008/ NAS 1,580	S BRUNSWICE	0	0	0	0	0	558	18,750	6,136	12,496	5 26%	14,458	25%
,	272,530	U	U	U	U	U	338	18,730	0,130	12,490	20%	14,438	2370
N60191 NAS		0	0	0	0	0	0.50	211 (27	02.060	100.253	170/	100.224	(10/
4,104	934,087	0	0	0	0	0	858	211,627	82,960	-100,353	3 17%	198,234	61%
	VSTA MAYPO			4=0			2 ( ( )	02.251	211 102			• • • • • •	2.407
8,601	602,539	0	0	179	8,327	0	3,661	93,371	241,402	254,904	31%	266,176	34%
	S KINGSVILLI												
121	3,388	0	0	0	0	0	205	40,000	459	-33,801	63%	-29,263	64%
N60495 NAS	<b>S FALLON</b>												
1,591	84,649	0	0	0	0	0	717	74,115	48,515	-3,015	31%	73,295	63%
N60508 NAS	WHITING FI	ELD											
8,945	103,553	0	0	708	18,408	0	260	6,578	0	5,990	10%	10,544	10%
N60514 NAV	STA GUANT	'ANAMO I	BAY										
12,415	369,885	0	0	0	0	0	161	0	0	8,050	1%	-7,479	0%

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY COMMANDER, NAVY INSTALLATIONS (CNI)

Landfilled Incinerated										SW Ope			
					Composted			Recycled		<b>Cost (\$)</b>	<b>%</b>	SW + OS	
Tons	Cost	Tons	Cost	Tons	<b>Cost (\$)</b>	Revenue	Tons	Cost	Revenue (\$)	Avoided	DiversionIS	SWMCA Diversion	n
N61006 N	AVSUPPACT A	ATHENS											
353	26,073	0	0	0	0	0	268	540	2,567	11,139	43%	11,140	43%
N61008 N	AVSUPPACT I	PANAMA C	ITY										
3,437	113,001	1,591	50,490	0	0	0	4	0	0	100	0%	45,800	23%
N61014 N	AVSUPPACT I	MONTEREY	7										
3,641	244,592	0	0	0	0	0	2,246	0	0	78,610	38%	77,352	38%
N61028 C	OMFLEACT Y	OKOSUKA											
1,864	208,172	11,539	4,339,703	0	0	0	5,329	750,275	322,056	2,145,68	3 28%	3,074,004	36%
N61078 N	AVSUPPFAC I	DIEGO GAR	CIA					,	,				
3,664	26,838	4,444	107,351	1,320	19,507	0	1,894	11,798	22,000	141,753	28%	139,402	27%
	AVPHIBASE L	ITTLE CRE	EK	ŕ	ŕ		ŕ	ŕ		ŕ		ŕ	
9,200	668,800	0	0	0	0	0	2,091	306,715	99,306	-136,001	19%	133,201	51%
N61755 C	OMNAVMARI	ANAS							,	,		,	
38,200	1,171,498	0	0	0	0	0	440	0	0	19,800	1%	-22,589	2%
N62254 C	OMFLEACT O	KINAWA											
907	118,867	0	0	0	0	0	21	5,500	0	-4,503	2%	-6,244	6%
N62507 N	AF ATSUGI												
69	24,729	3,524	853,880	0	0	0	3,019	296,702	0	500,314	46%	504,433	45%
N62585 C	OMNAVACT I	ONDON											
655	103,000	0	0	66	3,500	0	240	9,000	140	5,878	32%	6,398	32%
N62588 N	AVSUPPACT 1	NAPLES											
8	1,000	0	0	0	0	0	1,551	143,366	0	-50,306	99%	-49,319	99%
N62604 C	BC GULFPOR	Γ											
4,697	203,888	0	0	0	0	0	751	95,000	16,400	-57,572	14%	-49,434	14%
N62688 N	AVSTA NORF	OLK											
20,163	740,589	0	0	0	0	0	11,735	423,839	349,993	357,181	37%	648,203	54%

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# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY COMMANDER, NAVY INSTALLATIONS (CNI)

										SW Op			
	ndfilled	Incine			Composted		-	Recycled		Cost (\$)	%	SW + OS	
Tons	Cost		Cost	Tons	Cost (\$)	Revenue	Tons	Cost	Revenue (\$)	Avoided	DiversionIS	WMCA Diversion	on
	OMFLEACT SA	SEBO											
1,617	232,704	3,908	562,752	0	0	0	1,896	90,000	201,056	203,960	) 26%	189,049	29%
N62755 PV	WC PEARL HAP	RBOR											
660	82,863	1,324	166,228	4,721	154,400	18,388	2	0	0	263,837	70%	217,365	47%
N62813 NA	AVSTA PEARL	<b>HARBOR</b>											
36	12,398	4,780	600,100	700	8,960	0	3,159	174,828	156,653	299,568	3 44%	291,175	40%
N62863 NA	AVSTA ROTA												
3,762	440,475	0	0	0	0	0	1,384	46,500	82,208	52,316	5 27%	-6,572	39%
N62995 NA	AS SIGONELLA												
2,198	124,240	0	0	0	0	0	1,299	154,809	18,611	-87,070	37%	-36,643	56%
N63005 N	AVSUPPACT BA	AHRAIN											
2,412	144,544	0	0	0	0	0	1,048	0	17,000	79,880	30%	77,894	34%
N63032 N	AS KEFLAVIK												
7,540	216,922	3,549	518,446	0	0	0	1,312	63,077	53,856	178,684	11%	394,578	11%
N63042 N	AS LEMOORE												
5,996	282,003	0	0	0	0	0	657	82,653	54,104	17,441	10%	3,659,796	85%
N63043 N	AS MERIDIAN												
2,123	173,000	0	0	0	0	0	969	120,000	2,115	-85,743	31%	-84,306	30%
N63082 N	TTC CORRY ST	ATION PE	NSACOLA										
13,206	162,163	0	0	0	0	0	243	6,729	13,758	13,590	2%	13,740	2%
N63126 N	AVBASE VENT	URA COUN	NTY POINT	MUGU	J								
3,297	812,777	0	0	0	0	0	935	118,331	77,458	-6,979	22%	49,545	45%
N63406 N	AVBASE POINT	ΓLOMA SA	AN DIEGO										
1,652	135,422	0	0	0	0	0	1,105	257,716	87,809	-119,077	7 40%	321,475	87%
N66691 N	AVSUPPACT SO	OUDA BAY	7										
1,900	114,427	0	0	0	0	0	58	16,739	0	-15,522	2 3%	-16,880	3%

#### **SECTION 3 BACKUP DATA**

### FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY

### COMMANDER, NAVY INSTALLATIONS (CNI)

											SW Ope	rations		
		lfilled		erated		Composted	D	an.	Recycled	D (40)	Cost (\$)	% D:	SW + OS	
	Tons	Cost		Cost	Tons	<b>Cost (\$)</b>	Revenue	Tons	Cost	Revenue (\$)	Avoided	DiversionISV	VMCA Diversio	n
	N68047 NR	CC SINGAPOR	E											
	55	4,654	548	42,710	48	2,156	0	34	0	2,822	7,636	12%	7,636	12%
	N68297 NA	VMAG LUALU	ALEI											
	7	825	877	110,057	0	0	0	0	0	0	0	0%	-496	0%
	N68322 NE	ГРМSA SAUFL	EY FIELD	)										
	789	10,857	0	0	0	0	0	24	968	5,023	4,703	3%	4,703	3%
	N68436 SU	BASE BANGOR	2											
,	6,251	969,798	0	0	542	10,837	0	9,551	341,980	259,031	491,608	62%	528,084	63%
,	,	VSTA PASCAG				,		,	,	,	,		,	
	251	58,176	0	0	0	0	0	84	11,000	6,726	-788	25%	7,981	41%
		VSTA INGLESI		Ů	Ů	· ·	v	0.	11,000	0,720	700	2570	7,501	1170
	1,429	165,000	0	0	0	0	0	306	75,000	9,729	-57,162	18%	-56,990	16%
	,		-	0	U	0	U	300	73,000	9,129	-37,102	10/0	-30,990	10/0
		VSTA EVERET		0	25	0	0	271	2.725	20.270	<i>52</i> 700	250/	(( )20	200/
	1,231	266,789	0	0	35	0	0	371	2,725	20,379	53,788	25%	66,229	29%
		NSTA YORKTO		10.100	0	•	•	2 2 2 2	1== :0=	2-2-0-0	220.005	<b>-</b> 00/		<b>7.10</b> (
	2,453	294,590	800	19,190	0	0	0	3,300	175,607	372,702	338,995	50%	456,154	54%
		NSTA EARLE (	COLTS NI											
	1,167	50,519	1	486	0	0	0	3,105	16,961	0	219,795	73%	223,346	36%
	N69214 WP	NSTA CHARLE	ESTON											
	5,803	715,656	0	0	0	0	0	1,491	86,693	97,454	75,366	20%	235,842	44%
	N69232 NA	VBASE VENTU	JRA COU	NTY PT HU	JENEME									
	4,870	450,000	0	0	0	0	0	1,523	193,333	126,554	-10,717	24%	2,269,886	93%
	N83447 NA	S JRB FORT W	ORTH											
	1,778	134,355	0	0	0	0	0	1,180	146,048	48,999	-8,549	40%	313,708	23%
	CN	I Total:												
	348,221	\$21,683,219	51,996	\$8,754,922	13,648	\$470,761	\$29,638	119,298	\$8,078,213	\$4,965,142	\$6,297,50	0 25%\$2	6,107,18341%	

N00129	<b>Waste Stream</b> SUBASE NEW LONDON	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenue(\$)	ISWMCA(\$)	% Diversion
1,00129	C&D	100.83	7,562	88.52	0	0		
	Oils	360.92	12,457	360.92	8,142	4,315		
	Antifreeze	1.20	1,748	0	0,142	0		
	Lead-Acid	257.73	6,249	21.84	0	0		
	Lead Held	720.68	\$28,016	471.28	\$8,142	\$4,315	\$17,381	40%
N00158	NAS JRB WILLOW GRO		Ψ20,010	1/1.20	<b>\$0,112</b>	Ψ 1,013	ψ17 <b>,0</b> 01	10 / 0
	Lead-Acid	0	0	10.00	0	360		
	C&D	95.00	12,454	120.00	15,850	0		
	Oils	0	0	21.00	0	600		
	Antifreeze	0	0	0.75	0	0		
	Ameniceze	95.00	\$12,454	151.75	\$15,850	\$960	(\$2,447)	61%
N00161	USNA ANNAPOLIS	<i>70.00</i>	Ψ1 <b>2</b> ,101	101170	<b>\$12,020</b>	\$200	(Ψ <b>2</b> ,)	01/0
	C&D	4,370.40	202,235	4,842.60	36,480	13,560		
	Oils	0	0	21.00	0	0		
	Antifreeze	0	0	2.00	0	0		
	Lead-Acid	0	0	10.00	0	0		
	2000 11010	4,370.40	\$202,235	4,875.60	\$36,480	\$13,560	\$293,994	53%
N00171	COMNAVDIST WASHIN		4-0-,	1,01.2100	400,100	4	4-20,22	22,1
	C&D	40.17	1,767	0	0	0		
	Oils	35.81	1,576	0	0	0		
	Antifreeze	0.44	19	0	0	0		
	Lead-Acid	3.04	134	0	0	0		
		79.46	\$3,496	0	0	0	0	0%
N00173	NRL WASHINGTON	,,,,,,	40,520	Ţ.	Ţ.	· ·	-	7,0
	Oils	0	0	16.00	179	0		
	Antifreeze	0	0	0.20	0	0		
	Lead-Acid	0	0	3.50	0	0		
	C&D	32.00	0	0	0	0		
		32.00	0	19.70	\$179	0	\$3,761	38%

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	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N00173	NRL WASHINGTON		. ,		. ,	, ,	` '	
	Oils	0	0	16.00	179	0		
	Antifreeze	0	0	0.20	0	0		
	Lead-Acid	0	0	3.50	0	0		
	C&D	32.00	0	0	0	0		
		32.00	0	19.70	\$179	0	\$3,761	38%
N00196	NAS ATLANTA							
	Lead-Acid	0	0	0.08	0	0		
	Antifreeze	6.54	158	0	0	0		
	Oils	0	0	55.60	0	794		
		6.54	\$158	55.68	0	\$794	\$2,687	89%
N00204	NAS PENSACOLA							
	Oils	103.00	0	0	0	3,626		
	C&D	2,500.00	148,800	0	0	0		
	Antifreeze	1.20	1,310	0	0	0		
	Lead-Acid	0	0	0.90	0	740		
		2,604.20	\$150,110	0.90	0	\$4,366	\$4,390	0%
N00205	NAVSUPPACT NEW O							
	C&D	290.00	0	6.00	0	0		
	Oils	0	0	3.95	0	1,788		
	Antifreeze	0.24	604	0	0	0		
	Lead-Acid	0	0	1.04	0	0		
3.700.00		290.24	\$604	10.99	0	\$1,788	\$2,150	4%
N00206	NAS JRB NEW ORLEA	NS						
	C&D	888.99	0	21.00	0	0		
	Oils	0	0	43.19	0	2,789		
	Antifreeze	1.94	5,117	0	0	0		
	Lead-Acid	0	0	3.98	0	0		
		890.93	\$5,117	68.17	0	\$2,789	\$5,038	7%

	W G.	T.		Disposal	Disposal	Recycled	Recycled	Recycle
1100207	Waste Stream	Tons	Cost (\$)	Tons	Cost (\$)	Revenue(\$)	ISWMCA(\$)	% Diversion
N00207	NAS JACKSONVILLE	0	0	1.00	522	0		
	Antifreeze	0	0	1.00	522	0		
	Lead-Acid	0	0	3.00	0	400		
	Oils	0 525.96	0	1.507.96	0	0		
	C&D	535.86	0	1,597.86	0	0	052 002	750/
N00210	NTC GREAT LAKES	535.86	U	1,601.86	\$522	\$400	\$53,893	75%
N00210	Oils	0	0	35.23	0	0		
	C&D	0	7 215		0	0		
	Antifreeze	2,827.00	7,215	104,370.00	1.592	0		
		0	0	7.38 4.30	1,583	*		
	Lead-Acid	2 927 00	0 07 215		2,220	482	¢7 927 049	070/
N00213	NAS KEY WEST	2,827.00	\$7,215	104,416.91	\$3,803	\$482	\$7,827,948	97%
100213	Antifreeze	0	0	1.50	198	0		
	C&D	-		1.50		0		
	Lead-Acid	15,612.00	690,197	0	0	0		
		0	0	3.00	0	•		
	Oils	0	0	14.00	1,485	0	(0214)	00/
N00216	NAS CORPUS CHRISTI	15,612.00	\$690,197	18.50	\$1,683	0	(\$314)	0%
1100210	C&D	888.99	25,271	0	0	0		
	Oils	70.26	23,271	U	0	4,020		
	Antifreeze	1.93	1,005	0	0	4,020		
	Lead-Acid	1.93	1,003	4.97	0	0		
	Leau-Aciu	961.18	\$26,277	4.97 <b>4.97</b>	0	\$4,020	\$4,157	1%
N00245	NAVBASE SAN DIEGO		\$20,277	4.91	U	\$4,020	<b>54,13</b> 7	1 /0
	Antifreeze	0	0	19.45	19,649	0		
	Lead-Acid	0	0	34.67	19,682	0		
	C&D	5,707.68	0	32,594.02	0	0		
	Oils	3,707.08	0	104.59		0		
	Ons	5,707.68	0	32,752.73	89,401 <b>\$128,732</b>	0	\$1,377,894	85%
		3,707.00		02,702.70	ψ1 <b>2</b> 0,7 <b>0</b> 2	•	Ψ1,071,071	00 /0

	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N00246	NAVBASE CORON	ADO SAN DIEGO						
	Antifreeze	0	0	27.49	31,996	0		
	C&D	0	0	8,883.78	0	0		
	Lead-Acid	0	0	48.73	41,823	0		
	Oils	0	0	193.26	16,580	0		
		0	0	9,153.26	\$90,399	0	\$330,651	100%
N00389	NAVSTA ROOSEV	ELT ROADS						
	C&D	153,930.00	991,250	4,500.00	100,000	0		
	Oils	6.32	7,200	0	0	0		
	Antifreeze	0	0	2.14	1,864	0		
	Lead-Acid	0	0	11.67	0	1,351		
		153,936.32	\$998,450	4,513.81	\$101,864	\$1,351	\$80,040	3%
N00620	NAS WHIDBEY ISI	LAND						
	Lead-Acid	0	0	21.50	0	720		
	C&D	0	0	624.58	1,500	0		
	Oils	0	0	125.60	0	8,514		
		0	0	771.68	\$1,500	\$9,234	\$52,723	100%
N00639	NAVSUPPACT MIL	D-SOUTH MEMPH	IS					
	Antifreeze	0	0	1.54	99	0		
	Lead-Acid	0	0	3.60	3,234	0		
	Oils	0	0	16.26	300	738		
	C&D	5,681.00	170,430	33.50	0	22		
		5,681.00	\$170,430	54.90	\$3,633	\$760	(\$1,164)	1%
N00950	NCTAMS EASTPAC							
	Antifreeze	0.52	1,231	0	0	0		
	Oils	0.19	83	0	0	0		
	C&D	2,569.70	85,660	0	0	0		
		2,570.41	\$86,974	0	0	0	0	0%
N0534A	PACMISRANFAC E	BARKING SANDS						
	C&D	187.67	10,526	0	0	0		
	Oils	15.35	0	0	0	0		
	Lead-Acid	0	0	5.14	908	0		
		203.02	\$10,526	5.14	\$908	0	(\$620)	2%

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	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N31188	NAVSECGRUACT SUC		(-)		( - )		(4)	
	C&D	10.25	915	2.25	0	0		
	Oils	0	0	1.70	153	0		
	Antifreeze	0	0	1.12	350	0		
	Lead-Acid	0	0	0.21	0	0		
		10.25	\$915	5.28	\$503	0	(\$160)	34%
N32253	PEARL HARBOR NSY	& IMF						
	Antifreeze	4.00	2,482	0	0	0		
	Lead-Acid	0	0	8.00	0	0		
	C&D	174.00	32,554	3,971.00	31,296	1,549		
	Oils	22.00	5,758	0	0	0		
		200.00	\$40,794	3,979.00	\$31,296	\$1,549	\$307,115	95%
N32411	NAVSTA NEWPORT							
	Lead-Acid	0.21	307	8.15	0	212		
	C&D	252.12	20,085	3,942.79	75,190	220		
	Antifreeze	0	0	0.77	809	0		
	Oils	0	0	3.82	2,826	0		
		252.33	\$20,392	3,955.53	\$78,825	\$432	\$139,161	94%
N32414	NAVSUPPACT MECHA	ANICSBURG						
	Oils	0	0	17.06	0	0		
	Lead-Acid	0	0	2.23	4,458	0		
	Antifreeze	0	0	1.80	150	0		
	C&D	1,747.51	94,814	2,980.57	0	0		
		1,747.51	\$94,814	3,001.66	\$4,608	0	\$202,507	63%
N32416	NAVSTA BREMERTO							
	Lead-Acid	0.17	850	0.98	1,414	0		
	C&D	766.80	94,323	0	0	0		
	Antifreeze	6.83	33,516	0.12	129	0		
	Oils	525.06	1,977,506	17.63	25,668	0		
		1,298.86	\$2,106,195	18.73	\$27,210	0	(\$26,124)	1%

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	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N32445	NAVSUPPACT PHIL		εσει (φ)	10115	σος (φ)	πονεπασ(φ)	15 (γινιετι(φ)	, <b>0 D</b> 1, <b>0</b> 1 <b>S</b> 1011
	Oils	0	0	1.50	0	0		
	Antifreeze	0	0	0.10	141	0		
	Lead-Acid	0	0	1.72	0	0		
	C&D	153.00	14,443	311.00	9,226	0		
		153.00	\$14,443	314.32	\$9,367	0	\$18,765	67%
N32778	COMFLEACT CHINI	HAE						
	Oils	0	0	0.50	1,200	0		
	C&D	51.50	610	0	0	0		
		51.50	\$610	0.50	\$1,200	0	(\$1,183)	1%
N32960	NAVSUPPACT LA M							
	Lead-Acid	0	0	4.80	0	0		
	Antifreeze	1.31	1,360	0	0	0		
	C&D	20.00	1,500	0	0	0		
	Oils	0	0	16.50	0	0		
271000	ar-n . an	21.31	\$2,860	21.30	0	0	\$1,125	50%
N42237	SUBASE KINGS BAY			0.01				
	Lead-Acid	0	0	9.31	0	564		
	C&D	162.60	14,055	50.88	0	0		
	Oils	0	0	73.18	0	0		
	Antifreeze	31.00	180	0	0	0	02.550	4407
N142456	NAVOECODILACTI	193.60	\$14,235	133.37	0	\$564	\$3,558	41%
N43456	NAVSECGRUACT K		576	0	0	0		
	Oils	0.80	576	0 <b>0</b>	0	0	0	00/
N47615	WPNSTA SEAL BEA	0.80	\$576	U	U	U	0	0%
N4/013	Antifreeze	0.14	57	0.65	573	0		
	C&D	45.29	11,651	0.03	0	0		
	Oils	0.62	336	3.03	1,807	0		
	Lead-Acid	0.62	0	0.19	79	0		
	Leau-Aciu	46.05	\$12,044	3.87	\$2,460	0	(\$2,345)	8%
		40.03	\$12,044	3.07	\$4,40U	U	(\$2,343)	0 /0

	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N60042	NAF EL CENTRO	10110	ουν (ψ)	10115	333 (4)	110 (011110(4)	1.5 ((1.1.611(Φ)	, 0 21, 0151011
	Lead-Acid	0	0	0.40	0	335		
	C&D	0	0	526.06	0	0		
	Antifreeze	0	0	1.58	979	0		
	Oils	0	0	4.18	0	16		
		0	0	532.22	<b>\$979</b>	\$350	\$16,403	100%
N60087	NAS BRUNSWICK							
	Lead-Acid	0	0	6.31	0	0		
	Oils	0	0	37.29	0	0		
	Antifreeze	236.87	22,502	0	0	0		
		236.87	\$22,502	43.60	0	0	\$1,962	16%
N60191	NAS OCEANA							
	Lead-Acid	4.88	3,410	13.00	0	15,588		
	C&D	0	0	4,918.00	0	0		
	Oils	0	0	637.00	0	87,516		
	Antifreeze	5.07	940	5.82	0	11,547		
		9.95	\$4,349	5,573.82	0	\$114,651	\$298,587	100%
N60201	NAVSTA MAYPORT							
	Oils	0	0	66.96	0	0		
	Lead-Acid	0	0	20.37	183	623		
	C&D	406.00	45,410	802.40	15,871	0		
	Antifreeze	0.20	588	0.37	0	0		
		406.20	\$45,998	890.10	\$16,054	\$623	\$11,272	69%
N60241	NAS KINGSVILLE							
	Antifreeze	0.58	509	0	0	0		
	Lead-Acid	0	0	4.28	0	137		
	Oils	0	0	32.94	0	2,287		
	C&D	37.84	0	38.26	0	0		
		38.42	\$509	75.48	0	\$2,424	\$4,538	66%
N60495	NAS FALLON	241.00	^	2 445 25	•	•		
	C&D	241.98	0	2,447.35	0	0		
	Antifreeze	0	0	5.25	1,464	0		
	Lead-Acid	0	0	16.39	0	0	<b>A</b>	0464
		241.98	0	2,468.99	\$1,464	0	\$76,309	91%

	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N60508	NAS WHITING FIELD	10115	υσυν (Φ)	10115	ουν (Φ)	π (	10 ((112012(Φ)	, 0 21, 0151011
	C&D	10.00	320	4.00	0	0		
	Oils	0	0	68.00	0	2,250		
	Antifreeze	1.00	1,100	0	0	0		
	Lead-Acid	0.30	624	0	0	0		
		11.30	\$2,044	72.00	0	\$2,250	\$4,554	86%
N60514	NAVSTA GUANTANA							
	Antifreeze	10.00	31,203	0	0	0		
	Oils	31.00	15,615	44.00	22,025	2,596		
	C&D	59,406.00	9,075	0	0	0		
	Lead-Acid	3.00	14,396	34.00	0	0		
		59,450.00	\$70,289	78.00	\$22,025	\$2,596	(\$15,529)	0%
N61006	NAVSUPPACT ATHEN	S						
	Lead-Acid	0	0	0.04	0	0		
	C&D	4.30	234	0	0	0		
		4.30	\$234	0.04	0	0	\$1	1%
N61008	NAVSUPPACT PANAM							
	C&D	1,119.00	0	1,831.00	0	0		
	Oils	49.57	3,382	0	0	0		
	Antifreeze	0.92	158	0	0	0		
	Lead-Acid	0	0	0.80	95	0		
		1,169.49	\$3,540	1,831.80	\$95	0	\$45,700	61%
N61014	NAVSUPPACT MONTE							
	Lead-Acid	0	0	2.83	0	0		
	Antifreeze	0	0	2.27	530	0		
	Oils	0	0	16.46	1,483	0		
	C&D	15.40	4,225	0	0	0		===.
3764000	G 0.1	15.40	\$4,225	21.56	\$2,013	0	(\$1,258)	58%
N61028	COMFLEACT YOKOSU							
	C&D	0	0	1,715.00	84,657	0		
	Lead-Acid	0	0	75.00	9,538	0		
	Oils	0	0	327.00	0	0		
	Antifreeze	2.00	757	0	0	0		
		2.00	\$757	2,117.00	\$94,195	0	\$928,316	100%

		_		Disposal	Disposal	Recycled	Recycled	Recycle
3161070	Waste Stream	Tons	<b>Cost (\$)</b>	Tons	Cost (\$)	Revenue(\$)	ISWMCA(\$)	% Diversion
N61078	NAVSUPPFAC DIE		0	11.04	10 144	0		
	Lead-Acid	0	0	11.04	12,144	0		
	C&D	994.00	52,464	200.00	450	0		
	Antifreeze	0	0	6.90	0	0		
	Oils	90.00	4,019	0	0	0	(00.054)	4=0/
3771414	NAMED A CELUET	1,084.00	\$56,483	217.94	\$12,594	0	(\$2,351)	17%
N61414	NAVPHIBASE LITT		22.4	16.50	0	1.006		
	Lead-Acid	0.40	234	16.50	0	1,086		
	Antifreeze	0	0	1.05	0	2,157		
	Oils	0	0	1,648.00	0	8,962		
	C&D	0	0	5,860.00	0	0	00 (0 000	1000/
21/155	COMPLANAGEMENT	0.40	\$234	7,525.55	0	\$12,205	\$269,203	100%
N61755	COMNAVMARIAN.		45.610	•	0			
	C&D	400.38	47,613	0	0	0		
	Oils	86.20	17,252	204.25	9,347	0		
	Lead-Acid	0	0	92.82	46,410	0	(0.10.00)	200/
37/00 7/	G01 FFT F 1 GFT 077 F	486.57	\$64,865	297.07	\$55,757	0	(\$42,389)	38%
N62254	COMFLEACT OKIN		1.554	•	0			
	Antifreeze	4.90	1,776	0	0	0		
	Lead-Acid	0	0	7.20	3,736	0		
	Oils	0	0	34.80	0	0		
	3.1.D. 1.D. 2.T. G.	4.90	\$1,776	42.00	\$3,736	0	(\$1,741)	90%
N62507	NAF ATSUGI				_			
	Oils	0	0	10.00	0	0		
	Antifreeze	9.00	2,914	0	0	0		
	C&D	72.00	4,862	16.00	0	0		
	Lead-Acid	0	0	11.00	5,649	0		
		81.00	\$7,776	37.00	\$5,649	0	\$4,119	31%
N62585	COMNAVACT LON				_			
	Oils	0	0	1.00	0	0		
	Lead-Acid	0	0	7.73	0	0		
		0	0	8.73	0	0	\$520	100%

N/2500	Waste Stream	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
N62588	NAVSUPPACT NAPLES Lead-Acid	0	0	5.12	0	0		
	C&D	8.00	1,538	0	0	0		
	Oils	0.00	1,550	11.33	0	0		
	Antifreeze	6.19	3,267	0	0	0		
	1 11111110020	14.19	\$4,804	16.45	0	0	\$987	54%
N62604	CBC GULFPORT	2 1125	\$ 1,00	10,10	· ·		ψ, σ,	0170
	C&D	500.00	23,000	0	0	0		
	Oils	0	0	54.00	0	3,220		
	Lead-Acid	0	0	39.00	0	2,247		
	Antifreeze	0.90	1,350	2.40	0	0		
		500.90	\$24,350	95.40	0	\$5,467	\$8,138	16%
N62688	NAVSTA NORFOLK							
	C&D	2,622.00	49,305	11,899.00	405,000	10,132		
	Oils	0	0	2,595.00	0	96,729		
	Antifreeze	0	0	6.20	0	14,297		
	Lead-Acid	13.00	7,307	59.00	0	40,105		
		2,635.00	\$56,612	14,559.20	\$405,000	\$161,263	\$291,022	85%
N62735	COMFLEACT SASEBO							
	C&D	0	0	59.00	2,891	0		
	Oils	0	0	235.40	18,881	0		
	Antifreeze	3.90	21,685	0	0	0		
	Lead-Acid	0	0	30.00	9,035	0		
		3.90	\$21,685	324.40	\$30,807	0	(\$14,911)	99%
N62755	PWC PEARL HARBOR							
	Lead-Acid	0	0	9.82	2,018	0		
	C&D	3,436.69	93,174	0	0	0		
	Oils	0	0	9.00	43,250	0		
	Antifreeze	0	0	2.48	3,007	0		
		3,436.69	\$93,174	21.30	\$48,275	0	(\$46,472)	1%

	W	T	G ( ( ( ( ( ) )	Disposal	Disposal	Recycled	Recycled	Recycle
NIC2012	Waste Stream	Tons	<b>Cost (\$)</b>	Tons	Cost (\$)	Revenue(\$)	ISWMCA(\$)	% Diversion
N62813	NAVSTA PEARL HA		10.127	21.40	1 101	0		
	Oils	11.61	19,127	21.40	1,101	0		
	Antifreeze	1.31	2,862	0.28	2,875	0		
	Lead-Acid	0	0	21.56	8,078	0		
	C&D	991.84	45,806	0	0	0	(00.202)	40/
NIC20C2	NAVOTA DOTA	1,004.76	\$67,796	43.24	\$12,053	0	(\$8,393)	4%
N62863	NAVSTA ROTA	0	0	060.00	75.000	0		
	C&D	0	0	960.00	75,000	0		
	Oils	0	0	62.00	0	1,247		
	Lead-Acid	0	0	27.00	0	2,277	(0.50, 0.00)	1000/
NIC2005	NAC CICONELLA	U	0	1,049.00	\$75,000	\$3,524	(\$58,888)	100%
N62995	NAS SIGONELLA	0	0	10.42	0	0		
	Lead-Acid	0	0	19.42	0	0		
	C&D	0	0	1,410.82	5,119	0		
	Antifreeze	13.26	9,623	0	0	0		
	Oils	0	0	38.45	0	0	Ø50 435	000/
NIC2005	NAMOLIDDA OT DALI	13.26	\$9,623	1,468.69	\$5,119	0	\$50,427	99%
N63005	NAVSUPPACT BAH		0	40.00	0	165		
	Oils	0	0	40.00	0	465		
	Oils	0	0	143.00	15,432	0		
	Antifreeze	7.19	17,973	0	0	0		
	Lead-Acid	0	0	33.35	0	0	(01.00()	070/
NIC2022	NIACIZEEL ANIIZ	7.19	\$17,973	216.35	\$15,432	\$465	(\$1,986)	97%
N63032	NAS KEFLAVIK Oils	0	0	72.44	2.422	00.005		
		0	0	73.44	2,432	99,085		
	Antifreeze	0.94	2,100	4.90	1,866	18,227		
	C&D	4,860.00	0	640.00	0	0	0215.005	120/
NIC2042	MACLEMOODE	4,860.94	\$2,100	718.34	\$4,298	\$117,312	\$215,895	13%
N63042	NAS LEMOORE	0	0	4.04	2 270	0		
	Antifreeze	0	0	4.84	2,378	0		
	C&D	3,319.70	232,379	52,126.02	7.707	0		
	Lead-Acid	0	0	12.30	7,797	0		
	Oils	87.43	22,475	101.63	4,605	0	02 (42 255	0.407
		3,407.13	\$254,854	52,244.79	\$14,780	0	\$3,642,355	94%

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	W 4 C4	T	C (6)	Disposal	Disposal	Recycled	Recycled	Recycle
NIC2042	Waste Stream	Tons	<b>Cost (\$)</b>	Tons	Cost (\$)	Revenue(\$)	ISWMCA(\$)	% Diversion
N63043	NAS MERIDIAN	0	0	2.00	200	0		
	Antifreeze	0	0	2.00	380	0		
	Oils	0	0	81.00	5,466	0		
	C&D	384.00	0	0	0	0		
	Lead-Acid	0	0	14.00	0	2,115		
		384.00	0	97.00	\$5,846	\$2,115	(\$336)	20%
N63082	NTTC CORRY STATI							
	Oils	3.00	0	0	0	150		
		3.00	0	0	0	\$150	\$150	0%
N63126	NAVBASE VENTURA	A COUNTY POI	NT MUGU					
	Oils	0	0	115.40	3,679	0		
	Antifreeze	0	0	3.60	3,960	0		
	Lead-Acid	0	0	10.52	0	0		
	C&D	0	0	1,640.49	0	0		
		0	0	1,770.01	\$7,639	0	\$56,524	100%
N63406	NAVBASE POINT LO	MA SAN DIEG	O					
	Oils	0	0	17.74	15,866	0		
	Antifreeze	0	0	0.96	3,501	0		
	C&D	36.62	3,071	10,037.17	0	0		
	Lead-Acid	0	0	3.18	2,797	0		
		36.62	\$3,071	10,059.05	\$22,164	0	\$440,552	100%
N66691	NAVSUPPACT SOUD	A BAY	,	,			,	
	Oils	88.00	4,500	0	0	0		
	Antifreeze	0	0	2.00	1,400	0		
		88.00	\$4,500	2.00	\$1,400	0	(\$1,358)	2%
N68047	NRCC SINGAPORE		· ,		. ,		( , , , ,	
	Lead-Acid	0.37	220	0	0	0		
	Antifreeze	3.03	640	0	0	0		
	Oils	2.92	480	0	0	0		
		6.32	\$1,340	0	0	0	0	0%
			. ,					

N68297	<b>Waste Stream</b> NAVMAG LUALUALEI	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
	Lead-Acid	0.02	45	0	0	0		
	C&D	457.74	15,694	0	0	0		
	Oils	2.19	2,459	0	0	0		
	Antifreeze	0.25	420	0.44	534	0		
	Antifreeze	460.20	\$18,617	0.44	\$534 \$534	0	(\$496)	0%
N68436	SUBASE BANGOR	400.20	\$10,017	0.44	\$334	U	(\$490)	0 70
1006430	C&D	0	0	403.00	4,243	0		
	Oils	0	0	157.00	4,243	6,809		
	Antifreeze	0	0	9.30		0,809		
	Lead-Acid	0	-	13.10	$0 \\ 0$	131		
	Leau-Aciu	0	0	582.40	\$4,243	\$6,940	\$36,476	100%
N68890	NAVSTA PASCAGOULA	U	U	302.40	\$4,243	\$0,940	\$30,470	100 70
	Antifreeze	6.80	3,847	0	0	0		
	C&D	0	0	1.00	0	27		
	Oils	0	0	92.00	0	4,758		
	Lead-Acid	0	0	3.00	0	0		
		6.80	\$3,847	96.00	0	\$4,785	\$8,769	93%
N68891	NAVSTA INGLESIDE		,			,		
	Antifreeze	0.38	206	0	0	0		
	Lead-Acid	0	0	4.01	0	66		
	Oils	152.68	6,794	0	0	0		
		153.06	\$7,001	4.01	0	\$66	\$172	3%
N68967	NAVSTA EVERETT		·					
	Antifreeze	0	0	1.20	648	0		
	Oils	0	0	81.60	0	4,956		
	Lead-Acid	0	0	8.00	0	52		
		0	0	90.80	\$648	\$5,008	\$12,441	100%

N69212	<b>Waste Stream</b> WPNSTA YORKTOWN	Tons	Cost (\$)	Disposal Tons	Disposal Cost (\$)	Recycled Revenue(\$)	Recycled ISWMCA(\$)	Recycle % Diversion
	C&D	1,962.50	33,250	2,660.00	3,000	177		
	Lead-Acid	0	0	12.00	0	1,777		
	Oils	0	0	75.00	0	83		
		1,962.50	\$33,250	2,747.00	\$3,000	\$2,037	\$117,158	58%
N69213	WPNSTA EARLE COLT	'S NECK						
	Oils	0	0	137.80	7,200	0		
	C&D	4,759.35	102,079	0	0	0		
	Antifreeze	0	0	2.06	1,850	0		
	Lead-Acid	0	0	25.40	0	0		
		4,759.35	\$102,079	165.26	\$9,050	0	\$3,551	3%
N69214	WPNSTA CHARLESTO	N						
	Oils	152.90	1,495	40.58	12,172	0		
	Antifreeze	22.16	4,489	0.54	4,429	0		
	C&D	997.16	15,508	3,743.50	0	0		
	Lead-Acid	0	0	161.51	0	6,092		
		1,172.22	\$21,491	3,946.13	\$16,601	\$6,092	\$160,477	77%
N69232	NAVBASE VENTURA (	COUNTY PT	HUENEME					
	Lead-Acid	0	0	22.07	0	0		
	Antifreeze	0	0	4.50	6,064	0		
	Oils	0	0	63.20	2,014	0		
	C&D	0	0	62,085.75	0	0		
		0	0	62,175.52	\$8,078	0	\$2,280,603	100%
N83447	NAS JRB FORT WORTH							
	C&D	18,500.00	9,238	4,793.00	40,453	0		
	Oils	0	0	191.00	14,359	3,621		
	Antifreeze	0	0	1.00	577	0		
	Lead-Acid	0	0	2.00	0	0	0222 255	216/
CNIETOT	A T	18,500.00	\$9,238	4,987.00	\$55,389	\$3,621	\$322,257	21%
CNI TOTA	AL	307,757.96	\$5,743,123	349,694.06	\$1,509,080	\$501,308	\$19,807,910	1

		Recycling Programs			:D		A a suriaition Dunah				Installations with Audits				
	Upd		Office	Housing,	Projects	Includes	A D. DI			Purchase Ca			Findings		1 CC 1
	Pla	ıns	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducted	Reported	Tracked	Affect
	N00129	SUB	SASE NEW	LONDON											
	Y	es	Yes	Yes	17	11	Yes	24	24	229	500	Yes	Yes	Yes	No
	N00158	NAS	JRB WIL	LOW GROVE											
	Y	es	Yes	Yes	1	1	Yes	4	1	43	39	Yes	No	No	No
			WASHIN	GTON											
		es	Yes	No	12	0	Yes	32	12	261	261	Yes	Yes	Yes	No
	N00196	NAS	SATLANT	Ά											
		es	Yes	No	0	0	Yes	2	2	19	19	Yes	Yes	Yes	Yes
			PENSAC												
ر		No	Yes	Yes	1	1	Yes	6	6	65	65	No	No	No	Yes
				Γ NEW ORLEA											
		No	Yes	Yes	0	0	Yes	3	3	29	29	No	No	No	No
	N00206			V ORLEANS											
		es	Yes	Yes	6	6	Yes	1	1	40	40	No	No	No	No
	N00207		JACKSO1		_										
		es	Yes	Yes	3	3	No	78	0	269	0	No	No	No	No
	N00210		GREAT I				<b>.</b>	22	0	40	26	**	***	**	**
		No	Yes	Yes	9	2	No	32	0	48	26	Yes	Yes	Yes	Yes
	N00213		KEY WE		0	0	NT.	0	0	20	0	3.7	N.T.	N.T.	3.7
		No	Yes	Yes	0	0	No	0	0	30	0	Yes	No	No	No
			CORPUS		0	0	37	3	0	23	0	NI.	NI.	NT.	NI.
		es	Yes	Yes	0	0	Yes	3	U	23	0	No	No	No	No
		'es	/BASE SA Yes	Yes	519	519	Yes	62	62	323	323	Yes	Yes	Vac	Vac
				RONADO SAN		319	168	02	02	323	323	1 68	1 68	Yes	Yes
		No No	Yes	Yes	300	300	Yes	31	31	141	141	Yes	Yes	Yes	Yes
				SEVELT ROA		300	1 05	31	31	141	141	1 05	1 03	1 03	1 03
		'es	Yes	Yes	рз 7	7	Yes	4	0	42	0	No	No	No	No
				Г MID-SOUTH	·	,	1 03		U	72	O	110	110	110	110
		es	Yes	Yes	9	3	No	4	0	105	0	No	No	No	No
	N00950			TPAC WAHIA	-		110			100		110	110	110	110
		No	Yes	Yes	12	0	Yes	0	0	3	0	Yes	Yes	Yes	No

	Recycling ProgramsC&D			<b>.D</b>				Installations with Audits						
-	dated	Office	Housing,	Projects	Includes	4 D DI			Purchase Ca			Findings		
PI	lans	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducted	Reported	Tracked	Affect
N0534A	PAC	MISRANE	AC BARKING S	SANDS										
	No	Yes	Yes	7	0	Yes	2	0	10	0	Yes	Yes	Yes	No
N31188			ACT SUGAR GR	ROVE	•		_			•			- •	- 10
	No	Yes	Yes	4	3	No	0	0	12	12	No	No	No	No
N32253	PEA	RL HARBO	OR NSY & IMF											
	Yes	Yes	No	10	10	No	0	0	107	59	No	No	No	No
N32411	NAV	STA NEW	PORT											
•	Yes	Yes	Yes	26	26	Yes	5	5	230	230	Yes	Yes	Yes	No
N32414	NAV	<b>VSUPPACT</b>	MECHANICSE	BURG										
7	Yes	Yes	Yes	2	2	No	1	1	2	2	Yes	Yes	Yes	No
N32416	NAV	VSTA BREI	MERTON COM	PLEX										
3	Yes	Yes	Yes	5	5	No	20	0	0	0	Yes	Yes	Yes	Yes
N32445			PHILADELPHI											
7	Yes	Yes	Yes	10	5	Yes	0	0	18	18	Yes	Yes	Yes	No
N32778		MFLEACT (												
	Yes	Yes	Yes	1	1	No	1	1	3	3	No	No	No	No
N32960			LA MADDALE											
	Yes	Yes	Yes	0	0	Yes	2	0	6	0	Yes	Yes	No	No
N42237		BASE KING												
	Yes	Yes	Yes	5	0	Yes	19	19	110	110	Yes	Yes	Yes	Yes
N43456			ACT KUNIA											
	Yes	Yes	No	0	0	Yes	2	2	5	5	Yes	Yes	Yes	Yes
N47615		NSTA SEAI		2	0	3.7	0	0	2.5	2.5	3.7	3.7	3.7	3.7
	Yes	Yes	Yes	3	0	No	0	0	35	35	No	No	No	No
		FEL CENT		40	20	<b>V</b>	11	11	20	20	37	<b>3</b> 7	<b>V</b>	<b>V</b> 7
	Yes	Yes	Yes	49	30	Yes	11	11	20	20	Yes	Yes	Yes	Yes
	NAS Yes	S BRUNSW Yes	Yes	32	0	Yes	1	1	42	42	Yes	Yes	Yes	No
				32	U	res	1	1	42	42	i es	res	res	NO
N60191	NAS Yes	S OCEANA Yes	No	6	6	No	0	0	0	0	Yes	Yes	Yes	Yes
N60201		y es VSTA MAY		0	0	INO	U		0	0	ies	1 68	1 68	1 68
	Yes	YSTA MAY Yes	Yes	1	1	No	0	0	80	80	No	No	No	Yes
	1 62	1 62	1 68	1	1	110	U	U	80	80	110	110	110	1 65

		Recycling	g Programs	С&	:D						Insta	llations wi	th Audits-	
Upda Plaı		Office Spaces	Housing, Quarter	Projects Started	Includes Recycling	AP Plan	Acquis Personnel		Purchase Ca Personnel			Findings Reported		Affect
N60241	NAS	KINGSVI	LLE											
N	No.	Yes	Yes	5	5	Yes	0	0	60	0	Yes	Yes	Yes	Yes
N60495	NAS	FALLON												
N	No.	Yes	Yes	0	0	No	4	0	26	25	Yes	Yes	Yes	Yes
N60508	NAS	WHITING	G FIELD											
	No.	Yes	Yes	2	2	Yes	2	2	22	22	No	No	No	Yes
			NTANAMO BA											
	No.	Yes	Yes	31	31	No	0	0	37	37	No	No	No	No
			MONTEREY											
Ye		Yes	Yes	1	1	Yes	4	0	3	0	Yes	Yes	Yes	No
			YOKOSUKA					_						
Ye		Yes	No	343	343	No	0	0	225	0	No	No	No	No
			DIEGO GARCI		0	<b>T</b> 7					<b>T</b> 7	***	**	***
Y6		Yes	Yes	25	0	Yes	1	1	1	1	Yes	Yes	Yes	Yes
			PANAMA CITY	0	0	), I		0	1.60	0	3.7	3.7	3.7	3.7
Y6		No	No	0	0	No	6	0	160	0	Yes	Yes	Yes	No
			LITTLE CREEK	8	0	Yes	0	0	0	0	Vaa	Vac	Vac	Vas
Y6 N61755		Yes NAVMAI	Yes	8	0	res	0	0	0	0	Yes	Yes	Yes	Yes
N01/33		Na viviai No	No No	14	0	Yes	4	0	29	0	No	No	No	No
			OKINAWA	14	U	1 65	4	U	29	U	NO	INO	INO	INO
Y6		Yes	Yes	0	0	No	0	0	0	0	Yes	Yes	No	No
		ATSUGI	103	U	U	110	U	U	O .	U	1 03	1 03	110	110
	No.	Yes	Yes	4	4	No	0	0	39	39	No	No	No	No
			LONDON	•	·	110	Ü	· ·	3,	3,	110	110	110	110
Υ6		Yes	No	0	0	No	1	0	17	0	No	No	No	No
			NAPLES			2.0				•	2,0			
Ye		No	No	17	0	No	9	9	41	41	Yes	Yes	Yes	Yes
N62604	CBC	GULFPOI	RT											
Ye	es	Yes	Yes	12	0	No	12	12	50	50	Yes	Yes	No	No
N62688	NAV	STA NOR	FOLK											
Ye	es	Yes	Yes	5	2	No	17	0	126	0	Yes	Yes	Yes	Yes

Recycling ProgramsC&D Updated Office Housing, Projects Includes									Insta					
_		Office	Housing,	Projects	Includes	A D Dlan	-		Purchase Ca			Findings		A CCo a4
rı	lans	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	1 rained	Personnel	i rained	Conducted	Keportea	1 racked	Affect
N62735	CON	MFLEACT :	SASEBO											
	Yes	Yes	Yes	0	0	Yes	0	0	1	1	Yes	Yes	Yes	No
N62741		VSCSCOL A		0	0	3.7	1	0	7	7	3.7	3.7	3.7	3.7
	No	Yes	Yes	0	0	No	I	0	7	7	No	No	No	No
N62755	No	C PEARL H Yes	iarbur No	5	0	Yes	3	3	72	72	Yes	Yes	Yes	No
N62813			RL HARBOR	3	U	1 68	3	3	12	12	1 68	1 68	1 68	NO
	No	Yes	Yes	10	0	Yes	72	72	39	39	Yes	Yes	Yes	No
N62863		STA ROT		10	· ·	100	,2	, 2	37		1 05	105	105	110
•	Yes	Yes	Yes	30	2	No	8	3	69	69	No	No	No	No
N62995	NAS	SIGONEL	LLA											
7	Yes	Yes	Yes	15	15	Yes	4	0	91	91	Yes	Yes	Yes	No
N63005			BAHRAIN											
	Yes	Yes	Yes	0	0	No	0	0	16	16	Yes	Yes	Yes	Yes
N63032		S KEFLAVI			•			•		•			**	3.7
	Yes	Yes	Yes	77	0	No	3	0	76	0	Yes	Yes	Yes	No
N63042		S LEMOOR		12	10	Ma	0	0	15	45	Nie	Ma	Ma	Ma
N63043	No	Yes S MERIDIA	Yes	12	12	No	0	0	45	43	No	No	No	No
	Yes	Yes	Yes	4	4	Yes	3	3	18	18	Yes	Yes	Yes	Yes
N63082			STATION PEN		7	103	3	3	10	10	1 03	1 03	1 03	1 03
	No	Yes	Yes	0	0	No	0	0	0	0	Yes	No	No	No
N63406	NAV		INT LOMA SA	N DIEGO										
•	Yes	Yes	Yes	96	96	Yes	12	12	76	76	Yes	Yes	Yes	Yes
N66691	NAV	<b>VSUPPACT</b>	SOUDA BAY											
	Yes	Yes	No	11	0	No	3	3	32	0	Yes	Yes	No	No
		CC SINGAP												
	Yes	Yes	Yes	0	0	No	19	0	0	0	Yes	Yes	Yes	No
N68297		VMAG LUA		4	0	37.	0	0	4	0	<b>3</b> 7.	<b>V</b>	<b>V</b>	NT.
	No	Yes	Yes	4	0	Yes	0	0	4	0	Yes	Yes	Yes	No
N68322	Ne I No	Yes	UFLEY FIELD Yes	0	0	Yes	7	7	40	40	Yes	Yes	Yes	Yes
	110	1 68	1 68	U	U	1 68	1	/	40	40	1 es	168	168	1 68

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τ	J <b>pdated</b>	Office	ng Programs Housing,	C& Projects	Includes		Acquis	ition	Purchase Ca	rdholders		<b>Findings</b>	Actions	
	Plans	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducted	Reported	Tracked	Affect
N684	36 SU	JBASE BAN	IGOR											
	Yes	Yes	Yes	0	0	No	0	0	0	0	Yes	No	No	No
N688	90 NA	AVSTA PAS	SCAGOULA											
	Yes	Yes	Yes	3	2	No	1	1	34	34	Yes	No	No	No
N688	91 N	AVSTA ING	ELESIDE											
	Yes	Yes	Yes	2	1	Yes	0	0	14	0	No	No	No	Yes
N689		AVSTA EVE												
	Yes	Yes	Yes	0	0	No	0	0	0	0	Yes	No	No	No
N692	12 W	PNSTA YO	RKTOWN											
,	Yes	Yes	Yes	1	1	Yes	0	0	0	0	Yes	No	No	No
N692	13 W		RLE COLTS NEC	CK										
	Yes	Yes	Yes	15	15	Yes	3	3	20	20	Yes	Yes	Yes	Yes
N692	14 W	PNSTA CHA	ARLESTON											
	Yes	Yes	Yes	163	108	Yes	2200	0	121	0	Yes	No	No	No
N692	32 NA	AVBASE VI	ENTURA COUN	TY PT HUE	NEME									
	Yes	Yes	Yes	0	0	Yes	0	0	63	63	No	No	No	No
N834	47 NA	AS JRB FOR	RT WORTH											
	Yes	Yes	Yes	12	12	Yes	6	6	140	140	Yes	Yes	Yes	No

#### **CNI SUMMARY**

# of installations with updated plans:	52	# of acquisition personnel:	2,749
# of installations with office recycling program:	70	# of acquisition personnel trained in last 3 years:	319
# of installations housing recycling programs:	61	# of purchase cardholders:	4,004
# of C&D projects started:	1,984	# of purchase cardholders trained in last 3 years:	3,005
# of C&D projects that include recycling:	1,598	# of installations with audits conducted in the last year:	50
# of installations with an AP Plan or Instruction	: 40	# of installations with audit findings reported to senior levels	s: 42
		# of installations with audit findings tracked by senior levels:	: 38
		# of installations that assessed effectiveness of audits:	24

### SECTION 3 FY03 Pollution Prevention Annual Data Summary (SW P2ADS) NAVAL AIR SYSTEMS COMMAND (NAVAIR)

#### Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 4.

2. Number of installations with a Solid Waste Management Plan (SWMP): 3.

3. Number of installations with a Qualified Recycling Program (QRP): 3.

Total Annual QRP Tons Recycled: 5,171 Total Annual QRP Costs: \$1,000,500.73 Total Annual QRP Revenues: \$232,791.27

4. Number of installations with composting facilities: 1.

5. Number of installations that have an active RCRA permitted landfill: 0.

6. Solid waste operations summary:

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	9,823	1,004,188	N/A
Incinerated	0	0	0
Composted	588	0	0
Recycled	5,171	1,000,501	232,603

7. Solid waste recycled summary by category (tons):

some waste reey erea sammar	j oj categorj (toms
Food	22
Glass	120
Metals	1,377
Other Non-Food	702
Paper	2,196
Plastic	49
Wood	185
Yard/Green Waste	521
Total Tons Recycled	5,171

8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	4,277.00	159,879	48,557.50	18,618	2,948
Oils	227.20	70,537	70.50	0	0
Antifreeze	0	0	9.60	1,238	0
Lead-Acid Batteries	8.30	8,032	48.90	0	418

9. Solid and other select waste success stories: See Appendix A and Appendix B.

#### **SECTION 3**

### FY03 Pollution Prevention Annual Data Summary (SW P2ADS) NAVAL AIR SYSTEMS COMMAND (NAVAIR)

#### Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 4
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 0
- 3. Number of installations with a recycling program for office/administrative spaces: 3
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 3
- 5. Number of construction and demolition (C&D) projects started during the FY03: 8 Number of projects that include recycling of C&D debris: 7
- 6. Number of installations that have an APP plan or instruction: 2
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 1,068
  - B. Number who received documented APP training within the last three years: 32
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 283
  - B. Number who received APP training within the last three years: 283
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 3
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 1
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 1
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 1
- 11. Affirmative Procurement Program success stories: See Appendix C.

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE INSTALLATION NAVAL AIR SYSTEMS COMMAND (NAVAIR)

				(	QUALIFIED RE	CYCLING PRO	<b>OGRAM</b>
INSTALLATION	SWMP LA	ANDFIL	L QRP	<b>TONS</b>	REVENUES	COST	PROFIT/LOSS
N00421 NAS PATUXENT RIVER	Yes	No	Yes	2,334	\$85,593.00	\$395,000.00	(\$309,407)
N49146 OLF SAN NICHOLAS ISLAND	Yes	No	No	0	0	0	0
N68335 NAVAIRENGSTA LAKEHURST	Yes	No	Yes	1,216	\$40,985.95	\$23,568.33	\$17,418
N68937 NAWS CHINA LAKE	No	No	Yes	1,621	\$106,212.32	\$581,932.40	(\$475,720)
CLAIMANT TOTALS:	3	0	3	5,171	\$232,791.27	\$1,000,500.7	(\$767,709)

### SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY NAME AND SYSTEMS COMMAND OLD WATER

### NAVAL AIR SYSTEMS COMMAND (NAVAIR)

										SW Ope	erations		
Landfi	illed	<b>Incinerated</b>			Composted			Recycled		Cost (\$)	%	SW + O	SW
Tons	Cost	Tons Cost		Tons	<b>Cost (\$)</b>	Revenue	Tons	Cost	Revenue (\$)	Avoided	Diversion	ISWMCA D	iversion
N00421 NAS	PATUXENT :	RIVER											
4,403	551,926	0	0	98	0	0	2,334	395,000	85,405	-202,587	36%	1,694,944	89%
N49146 OLF 158	SAN NICHOI 137,401	LAS ISLAND 0	0	0	0	0	0	0	0	0	0%	0	0%
N68335 NAV	AIRENGSTA	LAKEHURST											
2,061	216,601	0	0	490	0	0	1,216	23,568	40,986	120,204	45%	439,740	78%
N68937 NAW 3,201	S CHINA LA 98,260	KE 0	0	0	0	0	1,621	581,932	106,212	-417,364	34%	-417,675	21%
NAVAIR Total: 9,823	\$1,004,188	0	0	588	0	0	5,171	\$1,000,501	\$232,603	(\$499,747	7) 37%	\$1,717,008	79%
	Tons N00421 NAS 4,403 N49146 OLF 158 N68335 NAV 2,061 N68937 NAW 3,201 NAVAIR Total:	N00421 NAS PATUXENT 4,403 551,926 N49146 OLF SAN NICHOI 158 137,401 N68335 NAVAIRENGSTA 2,061 216,601 N68937 NAWS CHINA LA 3,201 98,260 NAVAIR Total:	Tons         Cost         Tons         Cost           N00421         NAS PATUXENT RIVER         4,403         551,926         0           N49146         OLF SAN NICHOLAS ISLAND         158         137,401         0           N68335         NAVAIRENGSTA LAKEHURST         2,061         216,601         0           N68937         NAWS CHINA LAKE         3,201         98,260         0           NAVAIR Total:	Tons         Cost         Tons         Cost           N00421         NAS PATUXENT RIVER         4,403         551,926         0         0           N49146         OLF SAN NICHOLAS ISLAND 158         137,401         0         0           N68335         NAVAIRENGSTA LAKEHURST         2,061         216,601         0         0           N68937         NAWS CHINA LAKE 3,201         98,260         0         0         0           NAVAIR Total:         0         0         0         0         0	Tons         Cost         Tons         Cost         Tons           N00421         NAS PATUXENT RIVER         4,403         551,926         0         0         98           N49146         OLF SAN NICHOLAS ISLAND 158         137,401         0         0         0           N68335         NAVAIRENGSTA LAKEHURST         2,061         216,601         0         0         490           N68937         NAWS CHINA LAKE 3,201         98,260         0         0         0           NAVAIR Total:         0         0         0         0	Tons         Cost         Tons         Cost (\$)           N00421         NAS PATUXENT RIVER         4,403         551,926         0         0         98         0           N49146         OLF SAN NICHOLAS ISLAND 158         137,401         0         0         0         0         0           N68335         NAVAIRENGSTA LAKEHURST         2,061         216,601         0         0         490         0           N68937         NAWS CHINA LAKE 3,201         98,260         0         0         0         0         0           NAVAIR Total:         0         0         0         0         0         0	Tons         Cost         Tons         Cost (\$)         Revenue           N00421 NAS PATUXENT RIVER         4,403 551,926 0 0 98 0 0         0 98 0 0         0           N49146 OLF SAN NICHOLAS ISLAND 158 137,401 0 0 0 0 0 0         0 0 0 0 0         0           N68335 NAVAIRENGSTA LAKEHURST 2,061 216,601 0 0 490 0 0         0         0           N68937 NAWS CHINA LAKE 3,201 98,260 0 0 0 0 0 0 0         0         0           NAVAIR Total:         0         0         0	Tons         Cost         Tons         Cost         Tons         Cost (\$)         Revenue         Tons           N00421         NAS PATUXENT RIVER         4,403         551,926         0         0         98         0         0         2,334           N49146         OLF SAN NICHOLAS ISLAND 158         137,401         0         0         0         0         0         0         0           N68335         NAVAIRENGSTA LAKEHURST         2,061         216,601         0         0         490         0         0         1,216           N68937         NAWS CHINA LAKE 3,201         98,260         0         0         0         0         0         0         1,621           NAVAIR Total:         Total:         0	Tons         Cost         Tons         Cost         Tons         Cost (\$)         Revenue         Tons         Cost           N00421 NAS PATUXENT RIVER         4,403         551,926         0         0         98         0         0         2,334         395,000           N49146 OLF SAN NICHOLAS ISLAND 158 137,401         0         1,621         581,932         0         0         0         0         0         0         0         0         1,621         581,932         0         0         0         0         0         0         0         0         0         0         0         1,621         581,932         0         0         0         0         0         0         0         0         0         0         0         0	Tons         Cost         Tons         Cost (\$)         Revenue         Tons         Cost Revenue (\$)           N00421 NAS PATUXENT RIVER         4,403 551,926 0 0 98 0 0 2,334 395,000 85,405           N49146 OLF SAN NICHOLAS ISLAND 158 137,401 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Landfilled Tons         Incinerated Tons         Composted Cost (\$)         Revenue         Recycled Tons         Cost (\$)         Avoided           N00421 NAS PATUXENT RIVER         4,403 551,926 0 0 98 0 0 2,334 395,000 85,405 -202,587           N49146 OLF SAN NICHOLAS ISLAND 158 137,401 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tons         Cost         Tons         Cost (\$)         Revenue         Tons         Cost Revenue (\$)         Avoided Diversion           N00421 NAS PATUXENT RIVER         4,403 551,926 0 0 98 0 0 2,334 395,000 85,405 -202,587 36%           N49146 OLF SAN NICHOLAS ISLAND 158 137,401 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Landfilled   Incinerated   Tons   Cost   Tons   Cost   Tons   Cost   Tons   Cost (\$)   Revenue   Tons   Cost   Revenue (\$)   Avoided   Diversion   ISWMCA   Diversion   ISWMCA   Diversion   Diversi

### SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY NAVAL AIR SYSTEMS COMMAND (NAVAIR)

		Waste Stream	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenues(\$)	ISWMCA(\$)	% Diversion
	N00421	NAS PATUXENT RIV	ER						
		Lead-Acid	0	0	29.00	0	0		
		Antifreeze	0	0	0.70	0	0		
		Oils	0	0	52.00	0	0		
		C&D	1,455.00	0	42,977.00	0	2,948		
			1,455.00	0	43,058.70	0	\$2,948	\$1,897,531	97%
	N68335	NAVAIRENGSTA LA	KEHURST						
57		Oils	0	0	18.50	0	0		
		C&D	0	0	5,580.50	18,618	0		
		Lead-Acid	0	0	5.20	0	104		
		Antifreeze	0	0	6.60	0	0		
			0	0	5,610.80	\$18,618	\$104	\$319,536	100%
	N68937	NAWS CHINA LAKE							
		Antifreeze	0	0	2.30	1,238	0		
		Lead-Acid	8.30	8,032	14.70	0	314		
		Oils	227.20	70,537	0	0	0		
		C&D	2,822.00	159,879	0	0	0		
			3,057.50	\$238,448	17.00	\$1,238	\$314	(\$311)	1%
	N.	AVAIR TOTAL	4,512.50	\$238,448	48,686.50	\$19,856	\$3,366	\$2,216,755	92%

## SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT NAVAL AIR SYSTEMS COMMAND (NAVAIR)

Recycling ProgramsC&D						,	Installations with Audits							
Upd	lated	Office	Housing,	<b>Projects</b>	Includes		Acqui	sition	Purchase Ca	rdholders		Findings	Actions	
Pla	ans	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducted	Reported	Tracked	Affect
N00421	NAS	S PATUXEN	NT RIVER											
	No	Yes	Yes	0	0	No	32	32	79	79	No	No	No	No
N49146	OLF	SAN NICH	HOLAS ISLAND	)										
	No	No	No	1	0	Yes	0	0	4	4	No	No	No	No
N68335	NAV	<b>VAIRENGS</b>	TA LAKEHURS	ST										
	No	Yes	Yes	2	2	Yes	950	0	200	200	Yes	Yes	Yes	Yes
N68937		WS CHINA	LAKE Yes	5	5	No	96	0	0	0	Voc	No	No	No
-	No	Yes	res	3	3	No	86	U	U	U	Yes	No	No	No

#### **NAVAIR SUMMARY**

# of installations with updated plans:	0	# of acquisition personnel:	1,068
# of installations with office recycling program:	3	# of acquisition personnel trained in last 3 years:	32
# of installations housing recycling programs:	3	# of purchase cardholders:	283
# of C&D projects started:	8	# of purchase cardholders trained in last 3 years:	283
# of C&D projects that include recycling:	7	# of installations with audits conducted in the last year:	2
# of installations with a AP Plan or Instruction:	2	# of installations with audit findings reported to senior levels:	1
		# of installations with audit findings tracked by senior levels:	1
		# of installations that assessed effectiveness of audits:	1

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### SECTION 3 FY03 Pollution Prevention Annual Data Summary (SW P2ADS) NAVAL SEA SYSTEMS COMMAND (NAVSEA)

#### Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 15.

2. Number of installations with a Solid Waste Management Plan (SWMP): 10.

3. Number of installations with a Qualified Recycling Program (QRP): 5.

Total Annual QRP Tons Recycled: 5,220 Total Annual QRP Costs: \$278,008.38 Total Annual QRP Revenues: \$223,311.54

4. Number of installations with composting facilities: 1.

5. Number of installations that have an active RCRA permitted landfill: 2.

6. Solid waste operations summary:

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	15,022	2,494,562	N/A
Incinerated	7,639	493,622	0
Composted	11	24,483	0
Recycled	18,491	1,174,199	818,396

7. Solid waste recycled summary by category (tons):

·- · · · · · · · · · · · · · · · · · ·	<i>J</i> - <i>J G</i> - <i>J</i> (
Food	5
Glass	11
Metals	11,302
Other Non-Food	2,371
Paper	2,871
Plastic	56
Wood	1,756
Yard/Green Waste	120
Total Tons Recycled	18,491

8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	17,385.12	392,321	10,775.38	20,000	10,488
Oils	214.07	75,392	527.78	6,567.52	0
Antifreeze	24.36	15,500	17.29	4,185	880
Lead-Acid Batteries	23.78	47,683	663.05	18,928	1,373

9. Solid and other select waste success stories: See Appendix A and Appendix B.

#### **SECTION 3**

### FY03 Pollution Prevention Annual Data Summary (SW P2ADS) NAVAL SEA SYSTEMS COMMAND (NAVSEA)

#### Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 16
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 11
- 3. Number of installations with a recycling program for office/administrative spaces: 14
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 6
- 5. Number of construction and demolition (C&D) projects started during the FY03: 1,579 Number of projects that include recycling of C&D debris: 53
- 6. Number of installations that have an APP plan or instruction: 3
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 3,257
  - B. Number who received documented APP training within the last three years: 120
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 1,056
  - B. Number who received APP training within the last three years: 208
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 8
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 8
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 8
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 2
- 11. Affirmative Procurement Program success stories: See Appendix C.

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE INSTALLATION PROGRAMS NAVAL SEA SYSTEMS COMMAND (NAVSEA)

					QUALIFIED RECYCLING PROGRAM					
INSTALI	SWMP L	ANDFIL	L QRP	<b>TONS</b>	REVENUES	COST I	PROFIT/LOSS			
N00102	NAVSHIPYD PORTSMOUTH	Yes	No	No	0	0	0	0		
N00164	NSWC CRANE	Yes	Yes	Yes	3,413	\$195,451.28	\$95,350.00	\$100,101		
N00167	NSWC DIV CARDEROCK	Yes	No	No	0	0	0	0		
N00174	NSWC DIV INDIAN HEAD	Yes	Yes	Yes	1,089	\$5,845.00	\$79,060.00	(\$73,215)		
N00178	NSWC DIV DAHLGREN	Yes	No	Yes	571	\$18,263.36	\$78,049.70	(\$59,786)		
N00181	NAVSHIPYD NORFOLK	Yes	No	No	0	0	0	0		
<sup>△</sup> N00253	NUWC DIV KEYPORT	No	No	No	0	0	0	0		
N45534	SURFCOMBATSYSCEN WALLOPS	Yes	No	Yes	67	0	\$2,628.68	(\$2,629)		
N57026	NAVSEA DET NISMF PEARL	Yes	No	No	0	0	0	0		
N63821	NUWC DET AUTEC ANDROS ISL	Yes	No	Yes	80	\$3,751.90	\$22,920.00	(\$19,168)		
N64267	NWADIV CORONA	No	No	No	0	0	0	0		
N65540	NSWC SHIPSYSENGSTA	No	No	No	0	0	0	0		
N66604	NUWC DIV NEWPORT	Yes	No	No	0	0	0	0		
N91192	NIROP FRIDLEY MN	No	No	No	0	0	0	0		
N91571	ABL ROCKET CENTER WV	No	No	No	0	0	0	0		
	<b>CLAIMANT TOTALS:</b>	10	2	5	5,220	\$223,311.54	\$278,008.38	(\$54,697)		

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY NAVAL SEA SYSTEMS COMMAND (NAVSEA)

	T 1011		÷ .			<b>a</b>				·	SW Ope		CTT . O	CTT.
	Landfill Tons	led Cost		erated Cost	Tons	Composted Cost (\$)	Revenue	Tons	Recycled	Revenue (\$)	Cost (\$) Avoided	% Diversion	SW + O ISWMCA D	
				_	10115	Cust (3)	Revenue	10118	Cost	Revenue (5)	Avolucu	Diversion	15WMCA L	orver ston
	N00102 NAVS 1,277	85,559	KISMOUI 0	п0	0	0	0	2,724	97,290	0	85,218	68%	83,811	64%
	<i>'</i>	The state of the s	U	U	U	U	U	2,724	91,290	U	05,210	00/0	65,611	04/0
	N00164 NSWC		0	0	0	0	0	4.460	05.750	260 150	241 207	700/	270.012	520/
	1,741	301,189	0	0	0	0	0	4,468	95,750	269,150	341,397	72%	370,913	53%
	N00167 NSWC													
	1,016	45,965	0	0	0	0	0	328	26,772	3,703	-7,325	24%	-10,090	19%
6	N00174 NSW	C DIV IND	IAN HEAD											
62	1,291	463,463	3	2,140	0	0	0	2,495	79,060	5,845	78,980	0 66%	205,117	69%
	N00178 NSWC	C DIV DAH	LGREN											
	2,021	577,942	0	0	0	0	0	866	78,050	18,263	-26,012	30%	-158,503	41%
	N00181 NAVS	HIPYD NO	RFOLK											
	3,322	443,550	7,218	451,592	0	0	0	2,994	407,441	8,361	-285,308	22%	-109,126	29%
	N00253 NUW	C DIV KEY	PORT											
	551	79,409	0	0	0	0	0	546	146,355	62,695	-55,814	50%	-55,844	48%
	N45534 SURF	COMBATS	VSCEN WA	IZI ZGO I IA						,				
	766	37,621	0	0	0	0	0	67	2,629	0	246	8%	293	7%
				RL HARBOR		Ü	v	0,	_,0_3	· ·	0	0,0	_,_	,,,
	60 NAVS	3,350	ISMIT PEAR 52	1,217	2	23,396	0	14	0	0	-22,041	13%	12,436	79%
		· ·		· ·		25,570	U	17	0	U	-22,041	13/0	12,430	17/0
	N63821 NUW				0	0	0	117	22.020	2.753	14 400	120/	21 421	550/
	783	211,144	0	0	0	0	0	117	22,920	3,752	-14,488	13%	31,431	55%

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY NAVAL SEA SYSTEMS COMMAND (NAVSEA)

											SW Ope	erations		
	Landf	illed	Incine	erated		Composted			Recycled		Cost (\$)	%	SW + C	OSW
	Tons	Cost	Tons	Cost	Tons	Cost (\$)	Revenue	Tons		Revenue (\$)		Diversion	ISWMCA 1	Diversion
	N64267 NWA	ADIV CORON	JA											
	311	59,212	0	0	9	1,087	0	18	0	1,317	1,040	8%	2,510	17%
	N65540 NSW	C SHIPSYSE	NGSTA PE	HILADELPH	I									
	677	49,015	219	70	0	0	0	1,564	153,152	18,051	154,239	64%	483,461	47%
	N66604 NUV	VC DIV NEW	PORT											
	434	46,597	0	0	0	0	0	810	58,415	12,728	8,583	65%	26,702	2 71%
63	N91192 NIR	OP FRIDLEY	MN											
	137	7,081	131	10,693	0	0	0	340	6,366	19,654	27,71	8 56%	27,71	8 49%
	N91571 ABL	ROCKET CE	NTER WV											
	635	83,465	16	27,910	0	0	0	1,140	0	394,878	442,758	64%	441,585	35%
	NAVSEA Total:													
	15,022	\$2,494,562	7,639	\$493,622	11	\$24,483	0	18,491	\$1,174,199	\$818,396	\$729,18	38 45%	\$1,352,414	43%

### SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY NAVAL SEA SYSTEMS COMMAND (NAVSEA)

		Disposal	Disposal	Recycled	Recycled	Recycle	T07777 F 0 1 /A	
	Waste Stream	Tons	Cost (\$)	Tons	Cost (\$)	Revenues(\$	ISWMCA(\$	% Diversion
N00102	NAVSHIPYD PORTS							
	Lead-Acid	10.90	0	10.90	5,226	0		
	Antifreeze	10.00	7,831	10.00	0	0		
	Oils	36.10	13,004	36.10	0	0		
	C&D	238.00	20,468	0	0	0		
		295.00	\$41,303	57.00	\$5,226	0	(\$1,407)	16%
N00164	NSWC CRANE							
	Lead-Acid	0	0	526.72	126	1,303		
	C&D	2,823.00	32,259	200.00	0	0		
	Oils	0	0	13.97	0	0		
	Antifreeze	3.33	2,868	1.30	440	880		
		2,826.33	\$35,127	741.99	\$566	\$2,183	\$29,516	21%
N00167	NSWC DIV CARDER	ROCK				,	, in the second	
	Lead-Acid	0	0	3.00	300	0		
	C&D	429.55	26,703	0	0	0		
	Oils	0	0	6.43	2,918	0		
		429.55	\$26,703	9.43	\$3,218	0	(\$2,765)	2%
N00174	NSWC DIV INDIAN	HEAD			,		, ,	
	Lead-Acid	0	0	61.00	0	50		
	Antifreeze	0	0	3.00	0	0		
	C&D	797.00	4,915	2,000.00	0	0		
	Oils	0	0	3.00	0	0		
		797.00	\$4,915	2,067.00	0	\$50	\$126,137	<b>72%</b>
N00178	NSWC DIV DAHLGI	REN	,	,		·	,	
	C&D	213.80	48,500	680.00	145,500	0		
	Oils	7.28	1,540	17.61	0	0		
	Antifreeze	0	0	1.79	3,124	0		
	Lead-Acid	0	Ö	18.65	11,870	Ö		
		221.08	\$50,040	718.05	\$160,494	0	(\$132,491)	76%
			400,010	, 20.00	<b>4200,.</b> 71	· ·	(4202,171)	, , ,

# SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY NAVAL SEA SYSTEMS COMMAND (NAVSEA)

	Waste Stream	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenues(\$	ISWMCA(\$	% Diversion
N00181	NAVSHIPYD NORFOLK	ζ	. ,			·	·	
	C&D	7,962.00	0	4,621.00	0	0		
	Oils	137.75	0	0	0	0		
	Antifreeze	10.95	3,408	0	0	0		
	Lead-Acid	0.10	228	15.37	0	0		
		8,110.80	\$3,636	4,636.37	0	0	\$176,182	36%
N00253	NUWC DIV KEYPORT							
	Oils	3.99	35,360	0	0	0		
	Antifreeze	0.04	393	0	0	0		
	C&D	27.85	7,104	0	0	0		
	Lead-Acid	9.77	45,347	7.25	399	0		
		41.65	\$88,204	7.25	\$399	0	(\$29)	15%
N45534	SURFCOMBATSYSCEN							
	C&D	76.19	5,177	0	0	0		
	Oils	0	0	1.10	0	0		
	Antifreeze	0.01	0	0	0	0		
	Lead-Acid	0.01	0	0	0	0		
		76.21	\$5,177	1.10	0	0	\$47	1%
N57026	NAVSEA DET NISMF P	EARL HARB	OR					
	Oils	0	0	416.70	800	0		
	Lead-Acid	0	0	1.63	139	0		
		0	0	418.34	\$939	0	\$34,477	100%
N63821	NUWC DET AUTEC AN							
	C&D	248.00	14,850	1,152.00	0	0		
	Lead-Acid	3.00	2,109	10.30	0	0		
	Oils	20.20	9,049	0	0	0		
	Antifreeze	0	0	1.20	621	0		
		271.20	\$26,008	1,163.50	\$621	0	\$45,919	81%

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# SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY NAVAL SEA SYSTEMS COMMAND (NAVSEA)

	<b>W</b> 4 C4	Disposal	Disposal	Recycled	Recycled	Recycle	IONNACA (A	0/ D:
NIC 42 C7	Waste Stream	Tons	Cost (\$)	Tons	Cost (\$)	Revenues(\$	ISWMCA(\$	% Diversion
N64267	NWADIV CORONA	(0.00	1 260	49.70	0	0		
	C&D	69.90	1,360	48.70	0	0		
	Oils	0.30	60	0.30	0	0	01.450	410/
3165540	Name alliparativa	70.20	\$1,420	49.00	0	0	\$1,470	41%
N65540	NSWC SHIPSYSENGS			• • •	4.50			
	Oils	0.45	16,380	3.00	150	0		
	C&D	2,906.00	144,150	1,794.00	23,445	20,000		
	Antifreeze	0.03	1,000	0	0	0		
	Lead-Acid	0	0	1.90	0	20		
		2,906.48	\$161,530	1,798.90	\$23,595	\$20,020	\$329,222	38%
N66604	NUWC DIV NEWPORT							
	Oils	0	0	6.98	467	0		
	Lead-Acid	0	0	3.70	868	0		
	C&D	17.73	1,773	279.68	0	0		
		17.73	\$1,773	290.36	\$1,335	0	\$18,119	94%
N91192	NIROP FRIDLEY MN		, in the second		,		,	
	C&D	71.10	9,812	0	0	0		
	Oils	8.00	0	0	0	0		
		79.10	\$9,812	0	0	0	0	0%
N91571	ABL ROCKET CENTER	R WV	, in the second					
	Oils	0	0	22.59	2,232	0		
	Lead-Acid	0	0	2.63	0	0		
	C&D		75,250	0	0	0		
			\$75,250	25.21	\$2,232	0	(\$1,173)	2%
<b>N</b> A	AVSEA TOTAL	1,505.00 17,647.33	\$530,897	11,983.51	\$198,625	\$22,253	\$623,225	

# SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT NAVAL SEA SYSTEMS COMMAND (NAVSEA)

Upd: Pla		Recyclin Office Spaces	ng Programs Housing, Quarter	C& Projects Started	D Includes Recycling	AP Plan	Acquis		Purchase Ca Personnel	rdholders	Insta	Findings	Actions	
N00102	NAV	SHIPYD	PORTSMOUTH											
	No	Yes	Yes	0	0	Yes	16	0	0	0	Yes	Yes	Yes	No
N00164	NSW	C CRAN	E											
	es es	Yes	Yes	12	11	No	157	0	79	0	Yes	Yes	Yes	No
N00167	NSW	C DIV C	ARDEROCK											
	No	Yes	No	3	1	No	26	0	135	0	No	No	No	No
N00174	NSV	VC DIV II	NDIAN HEAD											
7	Yes	Yes	Yes	0	0	No	34	0	155	0	Yes	Yes	Yes	No
N00178	NSW	C DIV D	AHLGREN											
1	No	Yes	Yes	8	8	No	55	0	0	0	No	No	No	No
N00181	NAV		NORFOLK											
Y	es	Yes	No	1500	0	No	2750	0	55	80	No	No	No	No
N00253	NUV		EYPORT											
Y	z'es	Yes	No	0	0	No	107	107	0	0	Yes	Yes	Yes	No
N45534			TSYSCEN WAL	LOPS ISL										
	es .	Yes	Yes	1	0	No	1	0	8	1	No	No	No	No
N57026			Γ NISMF PEARL											
	No	Yes	No	0	0	No	0	0	0	0	Yes	Yes	Yes	No
N61331			PANAMA CITY											
	es	No	No	0	0	No	6	0	160	0	Yes	Yes	Yes	No
			AUTEC ANDROS			••	_	•						2.7
	es	Yes	Yes	11	3	Yes	7	0	I	1	Yes	Yes	Yes	No
N64267		ADIV CO		1	1	<b>3</b> .T	0	0	104	104	NI	N.T.	N.T.	N.T.
	es	Yes	No	l ADELDIII	1	No	0	0	104	104	No	No	No	No
N65540			YSENGSTA PHIL		4	N.	20	1	110	22	37	<b>37</b>	<b>3</b> 7	<b>3</b> 7
	No	Yes	No TEMPORT	4	4	No	29	4	110	22	Yes	Yes	Yes	Yes
N66604			EWPORT	2.4	25	Voc	60	0	224	0	NΙα	No	No	Na
Y	es	Yes	No	34	25	Yes	60	0	234	0	No	No	No	No

# SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT NAVAL SEA SYSTEMS COMMAND (NAVSEA)

Updated Plans	Recycling Office Spaces	g Programs Housing, Quarter	C& Projects Started	D Includes Recycling	AP Plan	Acquisi		Purchase Ca Personnel	rdholders	Insta	Findings	Actions	
	OP FRIDLI		2	. 0	NI.	0	0	0	0	N.	NI.	N.	M.
Yes N91571 ABL Yes	Yes ROCKET No	No CENTER WV No	2	0	No No	9	9	15	0	No Yes	No Yes	No Yes	No Yes

# **NAVSEA SUMMARY**

# of installations with updated plans:	11	# of acquisition personnel:	3,257
# of installations with office recycling progran	n: 14	# of acquisition personnel trained in last 3 years:	120
# of installations housing recycling programs:	6	# of purchase cardholders:	1,056
# of C&D projects started:	1,579	# of purchase cardholders trained in last 3 years:	208
# of C&D projects that include recycling:	53	# of installations with audits conducted in the last year:	8
# of installations with a AP Plan or Instruction	: 3	# of installations with audit findings reported to senior levels	: 8
		# of installations with audit findings tracked by senior levels:	: 8
		# of installations that assessed effectiveness of audits:	2

8

# **SECTION 3**

# FY03 Pollution Prevention Annual Data Summary (SW P2ADS) NAVAL SYSTEMS MANAGEMENT COMMAND (NAVSYSMGT)

# Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 1.

2. Number of installations with a Solid Waste Management Plan (SWMP): 1.

3. Number of installations with a Qualified Recycling Program (QRP): 0.

Total Annual QRP Tons Recycled: 0

Total Annual QRP Costs: 0 Total Annual QRP Revenues: 0

4. Number of installations with composting facilities: 0.

5. Number of installations that have an active RCRA permitted landfill: 0.

6. Solid waste operations summary:

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	364	15,288	N/A
Incinerated	0	0	0
Composted	352	4,830	0
Recycled	629	7720	0

7. Solid waste recycled summary by category (tons):

Food	30
Glass	9
Metals	445
Other Non-Food	8
Paper	15
Plastic	2
Wood	120
Yard/Green Waste	0
Total Tons Recycled	629

8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	500.00	8,320	200.00	6,700	0
Oils	2.00	205	0	0	0
Antifreeze	0	0	0	0	0
Lead-Acid Batteries	0.05	61	0	0	0

#### **SECTION 3**

# FY03 Pollution Prevention Annual Data Summary (SW P2ADS) NAVAL SYSTEMS MANAGEMENT COMMAND (NAVSYSMGT)

# Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 1
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 1
- 3. Number of installations with a recycling program for office/administrative spaces: 1
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 1
- 5. Number of construction and demolition (C&D) projects started during the FY03: 30 Number of projects that include recycling of C&D debris: 30
- 6. Number of installations that have an APP plan or instruction: 1
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 4
  - B. Number who received documented APP training within the last three years: 3
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 20
  - B. Number who received APP training within the last three years: 20
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 1
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 1
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 1
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 0
- 11. Affirmative Procurement Program success stories: See Appendix C.

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE INSTALLATION PROGRAMS NAVAL SYSTEMS MANAGEMENT COMMAND (NAVSYSMGT)

			QUALIFIED RECYCLING PROGRAM									
INSTALLATION	SWMP L	ANDFII	LL QRP	<b>TONS</b>	REVENUES	COST	PROFIT/LOSS					
N63063 AFETA CAMP PEARY	Yes	No	No	0	0	(	0					
CLAIMANT TOTALS:	1	0	0	0	0		0 0					

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY NAVAL SYSTEMS MANAGEMENT COMMAND (NAVSYSMGT)

									SW Ope	rations		
Landf	illed	Incinerated		Composted			Recycled		Cost (\$)	%	SW + OS	$\mathbf{W}$
Tons	Cost	Tons Cost	To	s Cost (\$)	Revenue	Tons	Cost	Revenue (\$)	Avoided 1	Diversion	ISWMCA Di	version
N63063 AFE	ГА САМР РЕ	ARY WILLIAM	SBURG									
364	15,288	0	0 33	4,830	0	629	7,720	0	13,937	73%	12,637	58%
NAVSYSMG Total:												
364	\$15,288	0	0 35	\$4,830	0	629	\$7,720	0	\$13,93	7 73%	\$12,637	58%

# SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY NAVAL SYSTEMS MANAGEMENT COMMAND (NAVSYSMGT)

N63063	Waste Stream AFETA CAMP PEAR	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenues(\$	ISWMCA(\$	% Diversion
100000	AFETA CAMP PEAR	CI WILLIAMSDU	KU					
	Lead-Acid	0	61	0	0	0		
	Oils	2.00	205	0	0	0		
	C&D	500.00	8,320	200.00	6,700	0		
		502.00	\$8,586	200.00	\$6,700	0	(\$1,300)	28%
N	AVSYSMGT	502.00	\$8,586	200.00	\$6,700	0	(\$1,300)	28%

# SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT NAVAL SYSTEMS MANAGEMENT COMMAND (NAVSYSMGT)

	Recycling ProgramsCo				D						Instal	lations wi	th Audits-	
Ţ	<b>pdated</b>	Office	Housing,	Projects	Includes		Acquis		Purchase Ca			0	Actions	
	Plans	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducted	Reported	Tracked	Affect
N630	63 AFE	TA CAMP	PEARY WILLIA	AMSBU										
	Yes	Yes	Yes	30	30	Yes	4	3	20	20	Yes	Yes	Yes	No
					NAVS	SYSMGT S	JMMARY							
	# of insta	allations wit	th updated plans:		1	# of aco	uisition perso	nnel:			4			
74			th office recyclin		1	# of acc	uisition perso	nnel traine	ed in last 3 yea	rs:	3			
+-	# of insta	allations hou	using recycling p	rograms:	1	# of pur	chase cardhol	ders:			20			
	# of C&I	projects st	arted:		30	# of pur	chase cardhol	ders traine	ed in last 3 year	rs:	20			
	# of C&I	projects th	nat include recycl	ling:	30	# of inst	allations with	audits con	ducted in the l	ast year:	1			
# of installations with an AP Plan or Instruction:							allations with	audit find	ings reported to	senior lev	els: 1			
# of							allation with a	udit findii	ngs tracked by	senior level	ls: 1			
# of installation that assessed effectiveness of							fectiveness of a	udits:	0					

# SECTION 3 FY03 Pollution Prevention Annual Data Summary (SW P2ADS) COMMANDER U.S. PACIFIC FLEET (PACFLT)

# Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 2.

2. Number of installations with a Solid Waste Management Plan (SWMP): 2.

3. Number of installations with a Qualified Recycling Program (QRP): 1.

Total Annual QRP Tons Recycled: 474

Total Annual QRP Costs: 00 Total Annual QRP Revenues: 00

4. Number of installations with composting facilities: 0.

5. Number of installations that have an active RCRA permitted landfill: 0.

6. Solid waste operations summary:

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	11	1,311	N/A
Incinerated	1,394	174,946	0
Composted	0	0	0
Recycled	474	0	0

7. Solid waste recycled summary by category (tons):

Food	0
Glass	0
Metals	0
Other Non-Food	0
Paper	473
Plastic	0
Wood	0
Yard/Green Waste	1
Total Tons Recycled	474

8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	333.76	9,133	0	0	0
Oils	0.54	1,550	0	0	0
Antifreeze	0.02	108	0	0	0
Lead-Acid Batteries	1.37	569	0	0	0

### **SECTION 3**

# FY03 Pollution Prevention Annual Data Summary (SW P2ADS) COMMANDER U.S. PACIFIC FLEET (PACFLT)

# Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 2
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 0
- 3. Number of installations with a recycling program for office/administrative spaces: 1
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 1
- 5. Number of construction and demolition (C&D) projects started during the FY03: 4 Number of projects that include recycling of C&D debris: 0
- 6. Number of installations that have an APP plan or instruction: 1
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 39
  - B. Number who received documented APP training within the last three years: 39
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 24
  - B. Number who received APP training within the last three years: 24
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 3
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 1
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 1
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 0
- 11. Affirmative Procurement Program success stories: See Appendix C.

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE INSTALLATION PROGRAMS COMMANDER U.S. PACIFIC FLEET (PACFLT)

						QUALIFIED	RECYCL	ING PROGRAM
INSTALI	SWMP L	ANDFIL	L QRP	TONS	REVENUES	COST	PROFIT/LOSS	
N00334	NAS BARBERS POINT	Yes	No	No	0	0	C	0
N00604	FISC PEARL HARBOR	Yes	No	Yes	474	0	C	0
	<b>CLAIMANT TOTALS:</b>	2	0	1	474	0	(	0

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY COMMANDER U.S. PACIFIC FLEET (PACFLT)

											SW Op	erations		
	Landfill	led	Incin	erated		Composted			Recycled		Cost (\$)	%	SW + C	<b>OSW</b>
	Tons	Cost	Tons	Cost	Tons	Cost (\$)	Revenue	Tons	Cost	Revenue (\$)	Avoided	Diversion	ISWMCA 1	Diversion
NO	00334 NAS E	BARBERS P	OINT											
	5	607	645	80,965	0	0	0	0	0	0	(	0%	0	0%
NO	00604 FISC I	PEARL HAR	RBOR											
	6	704	749	93,981	0	0	0	474	0	0	40,129	39%	40,129	30%
	PACFLT T	Total:												
	11	\$1,311	1,394	\$174,946	0	0	0	474	0	0	\$40,129	25%	\$40,129	21%

# SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY COMMANDER U.S. PACIFIC FLEET (PACFLT)

N00604	<b>Waste Stream</b> FISC PEARL HARBOR	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenues(\$	ISWMCA(\$	% Diversion
	Lead-Acid	1.37	569	0	0	0		
	Antifreeze	0.02	108	0	0	0		
	Oils	0.54	1,550	0	0	0		
	C&D	333.76	9,133	0	0	0		
		335.69	\$11,361	0	0	0	0	0%
	PACFLT TOTAL	335.69	\$11,3610	0	0	0	0	0%

# SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT COMMANDER U.S. PACIFIC FLEET (PACFLT)

			Recycling	g Programs	C&	:D						Instal	lations wi	th Audits-	
	Upda Pla		Office Spaces	Housing, Quarter	Projects Started	Includes Recycling	AP Plan	Acquis		Purchase Ca Personnel		Conducted 1	Findings Reported		Affect
-	N00334 N	NAS No	S BARBER No	S POINT No	0	0	No	0	0	0	0	No	No	No	No
	N00604 N	FISO No	C PEARL H Yes	ARBOR Yes	4	0	Yes	39	39	24	24	Yes	Yes	Yes	No
						PA	ACFLT SUM	MARY							
00		# # # #	of installation of installation of C&D pro of C&D pro	ons with updated ons with office ro ons housing recy ojects started: ojects that include ons with an AP F	ecycling prograte recycling:	ms:	1 # o 1 # o 4 # o 0 # o 1 # o 1 # o	f purchase car f purchase car f installations f installations f installations	ersonnel t dholders: dholders to with audit with audit with audit	rained in last 3 s conducted in findings report findings track sed effectivene	years: the last yea ted to senioned by senion	r levels: 1 levels: 1			

### **SECTION 3**

# FY03 Pollution Prevention Annual Data Summary (SW P2ADS) SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

# Solid Waste (SW) and Other Select Waste (OSW) Summary.

1. Number of installations reporting: 1.

2. Number of installations with a Solid Waste Management Plan (SWMP): 1.

3. Number of installations with a Qualified Recycling Program (QRP): 0.

Total Annual QRP Tons Recycled: 0

Total Annual QRP Costs: 0
Total Annual QRP Revenues: 0

4. Number of installations with composting facilities: 0.

5. Number of installations that have an active RCRA permitted landfill: 0.

6. Solid waste operations summary:

Operation	Tons	Cost (\$)	Revenues (\$)
Landfilled	731	117,950	N/A
Incinerated	93	116,724	0
Composted	78	5,535	0
Recycled	288	0	0

7. Solid waste recycled summary by category (tons):

Food	0
Glass	0
Metals	72
Other Non-Food	0
Paper	216
Plastic	0
Wood	0
Yard/Green Waste	0
Total Tons Recycled	288

# 8. Other select waste summary:

Waste Stream	Disposal (Tons)	Disposal Cost (\$)	Recycled (Tons)	Recycled Cost (\$)	Recycled Revenues (\$)
C&D	0	0	0	0	0
Oils	0	0	2.30	2,040	0
Antifreeze	0	0	0	0	0
Lead-Acid Batteries	0.10	201	0.47	410	0

### **SECTION 3**

# FY03 Pollution Prevention Annual Data Summary (SW P2ADS) SPACE & NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

# Affirmative Procurement Program (APP) Summary.

- 1. Number of installations reporting: 1
- 2. Number of installations who updated, improved, or instituted any of the following for the reporting period: SWMP, P2 plan, waste minimization plan, waste reduction project, recycling project, or project that reduced waste: 0
- 3. Number of installations with a recycling program for office/administrative spaces: 1
- 4. Number of installations with a recycling program for installation residences (e.g., family housing, quarters, barracks, BOQ, BEQ): 0
- 5. Number of construction and demolition (C&D) projects started during the FY03: 0 Number of projects that include recycling of C&D debris: 0
- 6. Number of installations that have an APP plan or instruction: 1
- 7. Acquisition personnel (excludes purchase cards less than \$2,500).
  - A. Number of acquisition personnel: 100
  - B. Number who received documented APP training within the last three years: 0
- 8. Purchase cardholders (less than \$2,500).
  - A. Number of purchase cardholders: 205
  - B. Number who received APP training within the last three years: 0
- 9. Environmental compliance audits/inspections and findings:
  - A. Number of installations with audits/inspections conducted to evaluate APP: 3
  - B. Number of installations reporting findings to installation senior levels and/or claimant: 1
  - C. Number of installation senior levels and/or claimants tracking audit corrective actions: 1
- 10. Number of installations assessing the APP effectiveness by analyzing audit results, training trends, and federal procurement data system (FPDS) data: 0
- 11. Affirmative Procurement Program success stories: See Appendix C.

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE INSTALLATION PROGRAMS SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

					QUALIFIE	D RECYCL.	ING PROGRAM
INSTALLATION	SWMP LA	ANDFIL	L QRP	<b>TONS</b>	REVENUES	COST	PROFIT/LOSS
N66001 SPAWARSYSCEN SAN DIEGO	Yes	No	No	0	0	0	0
CLAIMANT TOTALS:	1	0	0	0	0		0 0

# SECTION 3 BACKUP DATA FY03 SW P2ADS SOLID WASTE OPERATIONS SUMMARY SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

						SW Opera	tions						
Landfille	ed	Incin	erated	(	Composted			Recycled		Cost (\$)	%	<b>SW</b> +	OSW
Tons	Cost	Tons	Cost	Tons	Cost (\$)	Revenue	Tons	Cost	Revenue (\$)	Avoided	Diversion	ISWMCA	Diversion
N66001 SPAWA	ARSYSCEN	SAN DIE	GO										
807	34,704	103	120,226	47	4,299	0	317	0	0	11,353	3 29%	9,776	29%
SPAWARTotal:													
807	\$34,704	103	\$120,226	47	\$4,299	0	317	0	0	\$11,353	29%	\$9,776	29%

# SECTION 3 BACKUP DATA FY03 SW P2ADS OTHER SELECT WASTE SUMMARY SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

	Waste Stream	Disposal Tons	Disposal Cost (\$)	Recycled Tons	Recycled Cost (\$)	Recycle Revenues(\$)	ISWMCA(\$)	% Diversion
N66001	I66001 SPAWARSYSCEN SAN DIEGO							
	Lead-Acid	0.10	185	0.95	0	0		
	Oils	0	0	1.90	1,700	0		
		0.10	\$185	2.85	\$1,700	0	(\$1,577)	97%
SPAWAR TOTAL		0.10	\$185	2.85	\$1,700	0	(\$1,577)	97%

# SECTION 3 BACKUP DATA FY03 AFFIRMATIVE PROCUREMENT PROGRAM REPORT SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

	Recycling Programs		C&D						Installations with Audits						
	Updat	ted	Office	Housing,	Projects	Includes		Acquisition		<b>Purchase Cardholders</b>		Findings		Actions	
	Plan	18	Spaces	Quarter	Started	Recycling	AP Plan	Personnel	Trained	Personnel	Trained	Conducte	d Reported	Tracked	Affect
-	N66001 SPAWARSYSCEN SAN DIEGO														
	N	0	Yes	No	0	0	Yes	100	0	205	0	No	No	No	No
						SP	AWAR SUN	<b>IMARY</b>							
	# o	# of installations with updated plans:				0	# of acquisiti	on personnel	:			100			
	# of installations with office recycling program: # of installations housing recycling programs: # of C&D projects started: # of C&D projects that include recycling:					1	# of acquisiti		0						
						0	# of purchase cardholders:					205			
1						0	# of purchase cardholders trained in last 3 years:					0			
						0	# of installations with audits conducted in the last year:					0			
			stallations with an AP Plan or Instruction: 1 # of Installations with audit findings reported						reported to ser	nior levels:	0				
			# of installations with audit findings tracked by senior level								0				
		# of installation that assessed effectiveness of audits:								0					

# FY03 POLLUTION PREVENTION ANNUAL DATA SUMMARY SOLID WASTE SUCCESS STORIES

# **COMMANDER, NAVY INSTALLATIONS (CNI)**

#### **COMMANDER FLEET ACTIVITIES JAPAN**

**1. <u>Success Description</u>**: Solid Waste Program Manager implemented a "no cost" recycle contract to collect cardboard, newspaper and white paper.

**Economic Benefits**: Contractor collected 760 tons, which yielded \$42,483 in solid waste disposal cost avoidance.

**POC Name:** Hitoshi Nikaido

Commercial: 011-81-46-816-6187 Code: 1073

Fax: 011-81-46-816-8878 Email: nikaidoh@pwcyoko.navy.mil

## COMMANDER FLEET ACTIVITIES CHINHAE, KOREA

2. Success Description: The Public Works Labor Shop ensures solid waste is prepared in accordance with the City of Chinhae, Republic of Korea standards. Because of the limited landfill space in the Republic of Korea, the City of Chinhae requires the removal of all recyclable materials from the solid waste stream. If separation is not accomplished to their exacting standards, the solid waste is rejected until the owner properly prepares the material. After the recyclable items are removed from the solid waste stream, they must be further separated into city-defined classifications for pick-up. In FY03, all solid waste and recyclable items were removed from CFAC the first time; nothing was ejected. As an added benefited, the recyclable materials were classified, packaged and stored in such an exacting fashion that CFAC was able to receive \$1,329.

**Economic Benefits**: The City of Chinhae accepted for disposal all solid wastes in FY03. By carefully handling the solid waste once, CFAC avoided the wasteful, labor-intensive task of resegregating solid wastes. By properly storing and classifying recyclable material CFAC was able to received \$1,329.

**P2** Environmental Benefits: Keeping the solid waste on base for the shortest period of time and properly handling recyclable material, CFAC eliminated pest management requirements at the P2 center

**POC Name:** Mr Robert Dalzell

Commercial: 011 82 55 540 5278 Code: N8E

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### NAVAL ACTIVITIES LONDON, UK

**3. <u>Success Description</u>**: Seventeen 1,100-liter wheelie bins were placed in prominent locations. This increased our diversion rate by approximately 10 tons. With a complete fiscal year data call, this should increase by a further 20 tons.

Economic Benefits: Landfill savings costs.

**P2** Environmental Benefits: There is landfill avoidance saving needed space.

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#### NAVAL ACTIVITIES LONDON, UK (continued)

<u>Other Benefits</u>: Close relationships with local government has identified where NAVACTUK can reduce community solid waste. One such initiative is curbside collection of recyclable materials from on and off base housing.

**POC Name:** Mick Juden

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#### NAVAL AIR FACILITY ATSUGI, JAPAN

**4. Success Description**: NAF Atsugi revised the solid waste contract specifications and reduced solid waste disposal costs by 14% from FY02 to FY03. This resulted in a substantial savings. The current contract includes recycling of plastics, an additional 595 tons more than any previous year. The contractor is able to convert the plastics into pellets and then reuse and make into new products, therefore keeping those plastics out of the incinerator. This plastic recycling effort also increased the diversion rate by 6% from FY02 to FY03, putting NAS Atsugi well over the required MOM.

**Economic Benefits**: A savings of \$192,000 in solid waste contract cost.

<u>P2 Environmental Benefits</u>: Prevents plastics from entering an incinerator, which is the typical disposal method in many parts of Japan due to limited land. It is also good reuse of the product.

Other Benefits: Reduces contract cost. Increases diversion rate.

**POC Name:** Michael Carsley

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# NAVAL AIR STATION BRUNSWICK, ME

**5.** <u>Success Description</u>: Sono buoy recycling. Received \$193 for recycling nine tons of sono buoys. Estimated annual quantity of 24 ton/year will result in \$514 a year.

**Economic Benefits**: Recycling buoys turns this solid waste into a usable, high grade, (ABS) plastic. Diverted 24 tons/year from the landfill. Previous management practice involved buoy collection and storage in three dumpsters. These dumpsters were located inside the flight line security fence while awaiting transportation and landfill disposal. Recycling eliminates the need for dumpsters inside the security area and reduces the solid waste transportation and disposal resulting in an estimated \$3,700 annual savings.

**<u>P2 Environmental Benefits</u>**: Diverted 24 tons/year from the landfill and extended the life of the landfill

<u>Other Benefits</u>: The increased diversion of sono buoys helps extend the life of the landfill and increases total recycling.

**POC Name:** Richard Leblanc

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# NAVAL AIR STATION MERIDIAN, MS

**6. <u>Success Description</u>**: NAS Meridian encourages and receives great participation in the base-recycling program.

<u>Other Benefits</u>: We emphasize the importance of recycling and are updating current recycling and waste reduction projects.

**POC Name:** Nellie Porter

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### NAVAL AIR STATION SIGONELLA, ITALY

7. <u>Success Description</u>: Recycled 78.06 tons of sewage plant sludge transformed into compost, spending \$66,451.92. The oily rags and pads rental service is still active.

**Economic Benefits**: We saved \$48,235 through C&D recycling. We saved \$17,004.92 avoiding disposal of 20.28 tons of rags and pads.

<u>P2 Environmental Benefits</u>: We avoided disposal of 1,410.82 tons of C&D through a recycling facility that reuses the material for road construction. We avoided disposal of 78.06 tons of sewage plant sludge. We avoided disposal as dangerous waste of rags and pads.

**POC Name:** Mauro Cacia

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### NAVAL AIR STATION WHIDBEY ISLAND OAK HARBOR, WA

**8. Success Description**: We have the most comprehensive recycle program of any we have found, processing over 50 commodities, including all paper products, metals, plastics, glass, automotive products the list goes on! By maintaining a clean and safe working environment it allows us to have the highest quality control of our recyclables collected and sold. Our Fuel and Oil Recovery Program collected and sent over 663,000 gallons to a refinery for future use as heating oil. Hard to handle styrofoam packing peanuts are collected for reuse and sent to our supply department, saving thousands of dollars each year. Refillable toner cartridges are used and a one-for-one swap is practiced for all other cartridges that are sent to a recycling company. The NAS Whidbey Island Recycling Program is deeply involved in local, county, state and national organizations dedicated to waste stream reduction and recycling. Knowing that education is the KEY, we sponsor over 2,500 visitors from schools, scout troops, and civic and environmental organizations annually. We share our experiences with other military bases to help establish or upgrade their programs as to what equipment is needed to best handle the materials for recycling or composting. Our Dumpster Diving Championship is our most popular event. Volunteers' fish through dumpsters that are seeded with valuable prizes and separate recycle materials from solid waste. This event raises awareness about the amount of recyclable material that is still being thrown away and provides an inexpensive annual waste characterization study. Each spring the station celebrates Earth Day during the entire month of

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### NAVAL AIR STATION WHIDBEY ISLAND OAK HARBOR, WA (continued)

April by sponsoring and coordinating beach, road and park cleanups, stream reclamation, and wildlife habitat enhancement and reforestation projects. To continue the promotion and education we conduct similar activities during the Recycle and Energy Awareness Week held in the fall leading up to America Recycles Day.

**Economic Benefits**: Naval Air Station has earned over \$2.1 million in income and saved over \$10.7 million in cost avoidance since the program inception.

<u>P2 Environmental Benefits</u>: Since its modest beginnings, the program has grown over 302% in solid waste material recycled, with a whopping 62,228 tons diverted from the waste stream. This allowed us to grow from a 4% recycle rate in 1990 to a 65% recycle rate in 2003.

**POC Name:** Paul Brewer

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# NAVAL AMPHIBIOUS BASE LITTLE CREEK NORFOLK, VA

**9. Success Description**: Recycling Center bailer installed. A hydraulic ram bailer was purchased through the Pollution Prevention Equipment Program for the regional recycling program to increase productivity. The baler can process paper, cardboard, tin or aluminum cans, or plastics.

**Economic Benefits**: Baled recyclables are easier to handle, thus reduces labor cost. Additionally, baled commodities are more marketable and fetch higher market values.

**P2** Environmental Benefits: Baled commodities are easier to handle and less likely to create nuisance waste such as blowing trash or vector habitat.

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### NAVAL BASE VENTURA COUNTY POINT MUGU, CA

**10.** <u>Success Description</u>: We are replacing creosol pilings in the Port Hueneme harbor with plastic pilings.

<u>Economic Benefits</u>: Plastic pilings have a longer lifespan. **P2 Environmental Benefits**: Plastic pilings are nontoxic.

**POC Name:** Daniel T. Shide

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### NAVAL DISTRICT WASHINGTON NAVY YARD WASHINGTON, DC

**11.** <u>Success Description</u>: We successfully reduced cardboard waste by an additional 218.962 tons. We reduced the waste from 472.469 tons in FY02 to 691.431 tons in FY03. We

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# NAVAL DISTRICT WASHINGTON NAVY YARD WASHINGTON, DC (continued)

accomplished this targeted task by awareness programs; declaring dumpsters cardboard free zones; obtaining and spotting cardboard specific trailers at key sites; and providing on call special cardboard pick-up services.

**Economic Benefits**: Additional revenue realized from this cardboard project was \$14,2332.53.

**POC Name:** Segrid Hosey

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#### NAVAL REGIONAL CONTRACTING CENTER SINGAPORE

**12.** <u>Success Description</u>: NRCC Singapore is severely constrained by the lack of dedicated efforts in the area of recycling and tracking of local markets. NRCC works within these constraints when and where possible to comply with the spirit and intent of the OPNAVINST 5090 and Overseas Environmental Baseline Guidance Document to reduce and minimize solid waste disposal. Recycling wastes like aluminum, papers and cardboards have been collected in separate bins in high generation area where possible. NRCC also diverted 48 tons of green waste by composting. It is estimated that approximately 82 tons of solid waste was diverted in FY 2003

**Economic Benefits**: NRCC saved about \$1,580 from tipping fee by composting green waste. In total, NRCC diverted 34 tons from the landfill (saving \$2,890) and 47.9 tons from incineration (saving \$5,739) decreasing air pollution.

<u>P2 Environmental Benefits</u>: Reduction in waste disposal has allowed NRCC to become a better steward of the environment. Diversion of green waste from incineration also decreased air pollution in the area and extended life of the landfill.

<u>Other Benefits</u>: The diversion of 82 tons of solid waste gave NRCC an approximate diversion rate of 12% for FY2003.

**POC Name:** Alice Wilson

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#### NAVAL RESEARCH LABORATORY WASHINGTON, DC

- **13.** <u>Success Description</u>: Although great strides were made in 2002, NRL committed itself to further improving the P2 Program in 2003. The first steps toward our goals were:
- -Completing an Environmental Quality Assessment (EQA);
- -Forming the NRL Pollution Prevention Committee;
- -Beginning P2 opportunity assessments in all the service organizations at the lab; and
- -Beginning a rechargeable battery recycling program.

**Economic Benefits**: Economic benefits were immediately seen after NRL began recycling rechargeable batteries through the Rechargeable Battery Recycling Coalition (RBRC). The batteries were previously sent out as hazardous waste at considerable expense. Recycling the batteries through RBRC is without cost to NRL.

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### NAVAL RESEARCH LABORATORY WASHINGTON, DC (continued)

<u>P2 Environmental Benefits</u>: We foresee almost immediate environmental benefit from the programs enacted this year. New P2 opportunities have already been discovered and assessed through both the P2OA and the P2 Committee meetings. We have also highlighted our shortcomings in the EQA and begun immediate corrective measures.

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### NAVAL SECURITY GROUP ACTIVITY KUNIA, HI

**14.** <u>Success Description</u>: NAVSECGRUACT Kunia diverted 12.66 tons of potential solid waste from disposal in landfills and incinerators in FY03. These diverted items were not accepted by DRMO for reissue and were recovered from the solid waste dumpsters and bins by staff members for reutilization by non-profit organizations and schools.

**Economic Benefits**: Cost avoidance from recycling and diversion efforts resulted in a total savings of \$11,345 of landfill and incineration costs. The actual cost avoidance is higher if one considers the cost of collecting, dumping and transporting the waste to the disposal facility.

**P2** Environmental Benefits: Diversion of solid waste preserves valuable landfill space (bulk landfill space or ash from incineration).

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### NAVAL SECURITY GROUP ACTIVITY SUGAR GROVE, WV

**15.** <u>Success Description</u>: NSGA Sugar Grove hauls trash two counties away for disposal that creates a situation that must be monitored. Knowing that every pound/item diverted means extended use of the available facility. As a part of all-hands, on going training the recycling program stresses the limits that this base will face in the future to disposal of our waste.

Our staff, that does not exceed six members, works one day a week on recycling. The types and volume of material processed exceeds NSGA Sugar Grove Environmental Manager expectations for this program. NSGA Sugar Grove processes newspapers, cardboard, glass, oil, anti-freeze, wood, office paper, metals, appliances, plastic, and aluminum beverage containers. Additionally before any item is tossed, ideas are explored to reuse the item. Pallets are used for firehouse training, torn down buildings are used for riprap, metals are recovered and bio-solids are used to create and improve soils where there are none or those of poor quality. The money earned from those efforts more than \$3,000, was used for more containers for the offices and homes of the base. Our crew of sailors and civilians work hard to be creative to find the benefits for the base and to meet new and set even higher goals for this program. Additionally this year NSGA Sugar

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# NAVAL SECURITY GROUP ACTIVITY SUGAR GROVE, WV (continued)

Grove served as a primary location for much of Pendleton County's recreational events, including Independence Day celebrations and over two hundred sporting events. Twelve "Igloo" type-recycling containers are strategically placed at locations where large numbers of people congregate. Our Spring Fling is another example that this program reaches school children of the local area. Four hundred children a year are invited to the base to learn about safety and environmental issues, out of a county with a population of 8,000, we give information to nearly every home in this county. We use these activities as an opportunity to share recycling information with the local community.

**Economic Benefits**: A return of nearly \$1,500 to the program.

**P2** Environmental Benefits: Continued use of the landfill located two counties away.

<u>Other Benefits</u>: The community receives education and outreach in an area that is not served by either the State or County program.

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### NAVAL STATION EVERETT, WA

**16.** <u>Success Description</u>: New recycling building and equipment. The new building is an 8,000 sq. ft. facility equipped by the PPEP program with: one horizontal baler with conveyor, one can densifier, two vertical balers, and 40 storage bins. The new building opened for operation on the 1st of June 2003. We hired two NAF employees to operate the program along with the current staff of sailors. The number of sailors varies from two to seven, depending on the stations priority each day. The stability of the NAF personnel is providing consistency in recycling collection routes, customer training, and overall program operations.

**Economic Benefits**: Our total solid waste tonnage is lower this year due to ships being deployed. We have increased our MOM from 24.5 in CY02 to 28.8 in FY03 due to efficiencies in our recycling program. We expect to increase the MOM in FY04 even more as we are now fully staffed and have made significant changes in solid waste operations.

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# NAVAL STATION NEWPORT, RI

**17.** <u>Success Description</u>: All contractors are now required to turn metals in to the station metal scrap yard--resulting in an increase in the amount of metal recycled.

**Economic Benefits**: We now receive the funds from the recycled metals, instead of the contractor, and experienced no increase or decrease in the contract price.

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# NAVAL STATION NEWPORT, RI (continued)

<u>P2 Environmental Benefits</u>: We increased the amount of recycled material and decreased the amount of material sent to the landfill.

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# NAVAL STATION PASCAGOULA, MS

**18.** Success Description: Better use of materials and resources decreased the amount of materials requiring recycling by 28.5 tons from the previous year. Materials recycled are offered to the best markets for the highest revenues.

**Economic Benefits**: The station has a net gain of \$687 over the previous year with less offered for recycling.

**<u>P2 Environmental Benefits</u>**: When better products and materials are used less waste requiring special handling is produced.

**POC Name:** George Adkins

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# NAVAL SUPPORT ACTIVITY BAHRAIN, ASIA

**19.** Success Description: NSA Bahrain is aggressively pursuing recycling programs to reduce disposal quantities, reduce disposal cost, and generate proceeds to support environmental and energy programs at the base. In FY03, over 1,000 tons of otherwise land filled waste were recycled reducing disposal cost by over \$60,000 and resulting in recycling proceeds of over \$17,000. Toner cartridges were added to the recycling program. Previously, we were paying a \$5 per kilogram disposal charge. The two tons of toners that were recycled reduced our disposal cost by \$10,000 and added approximately \$1,000 to the recycling proceeds.

**Economic Benefits**: The diversion of over 1,000 tons of recyclable materials from the waste stream resulted in disposal cost avoidance of over \$70,000 and generated over \$17,000 to help implement public awareness programs.

<u>P2 Environmental Benefits</u>: The recycling program objectives are: solid waste reduction; pollution prevention; conservation of natural resources; and the improvement of the overall quality of life at NSA Bahrain. The following materials are recycled through NSA's QRP: mixed paper; cardboard; scrap metals; batteries; tires; copper; plastic bottles; computer boards; used oil; dirty shop towels; paint; and wood

<u>Other Benefits</u>: NSA is conserving landfill space and enhancing the environmental awareness of base personnel and host nation community. The program concentrates on resource recovery to decrease the degradation of our environmental resources and to ensure that future generations can enjoy the same benefits we do today.

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# NAVAL SUPPORT ACTIVITY BAHRAIN, ASIA (continued)

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### NAVAL SUPPORT ACTIVITY MID SOUTH MILLINGTON, TN

**20.** <u>Success Description</u>: In FY03 Naval Support Activity Mid-South recycled 1,080 tons of materials through the qualified recycling program.

**Economic Benefits**: Recycling 1,080 tons saved \$33,610 in landfill tipping fees.

<u>P2 Environmental Benefits</u>: We diverted 1,080 tons of materials that would have otherwise been sent to the landfill for disposal.

**POC Name:** Danny Chumney

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### NAVAL SUPPORT ACTIVITY, SOUDA BAY, GREECE

**21.** <u>Success Description</u>: We put a cardboard recycling baler into service and reduced the landfill tonnage by 53 tons.

**Economic Benefits**: There is a once per year tipping fee--therefore, reduction in quantity has no economic impact.

<u>P2 Environmental Benefits</u>: The recycling baler has drastically improved the diversion of non-hazardous solid waste from the landfill.

**POC Name:** Paul Cronenberger

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#### NAVAL SUPPORT FACILITY DIEGO GARCIA

**22.** <u>Success Description</u>: Because of the SWMP and QRP all of the following projects were possible. Reused/recycled 8,084 cubic yards of construction and demolition debris on erosion control projects to stabilize over 316 meters of shoreline; and scrap woods on no-cost self-help projects such as Sea huts patio, picnic sheds, tables and chairs, landscaping fences and box containers. Soil from green waste and natural composting area was utilized in the island nursery for landscaping purposes.

**Economic Benefits**: Effective Solid Waste Management Plan (SWMP) controlled and prevented the disposal of hazardous waste, toxic substances/liquids, untreated infectious waste and explosives/flammable at the landfill area. Also extended the life expectancy of the very limited sanitary landfill area of Diego Garcia.

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# NAVAL SUPPORT FACILITY DIEGO GARCIA (continued)

<u>P2 Environmental Benefits</u>: The effective implementation of Solid Waste Management and Qualified Recycling Programs highly contributed in maintaining and protecting the delicate environment of Diego Garcia, thus keeping the strong relationship with host country in the environmental aspect.

**POC Name:** Edgardo P. Ibay

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#### NAVAL TRAINING CENTER GREAT LAKES, IL

**23.** <u>Success Description</u>: Currently using two new sixteen-yard recycling trailers that can be moved or placed stationary at various locations around base. This equipment has proven to increase recycling efforts for special events and large office buildings.

**Economic Benefits**: Using the trailers takes the place of 32 individual one-yard bins.

**<u>P2 Environmental Benefits</u>**: Increases recycling awareness and provides mobility for recycling efforts.

Other Benefits: New recycling trailers were bought using the P2 Equipment Program.

**POC Name:** Luigi F. Abbate

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# NAVAL WEAPONS STATION CHARLESTON, SC

**24.** <u>Success Description</u>: We continued identification and cleanup of abandoned equipment and material sites. We used 212.35 tons of steel and 99.9 tons of concrete to build offshore reefs. We recycled 114.54 tons of steel, 3,743.5 tons of concrete, and 118 tons of wood from building demolition projects.

**Economic Benefits**: Avoided landfill costs.

**<u>P2 Environmental Benefits</u>**: Prevention of possible CELRA sites by removing hazardous leachates.

<u>Other Benefits</u>: Possible prevention of open dumping fines by regulatory agencies; and base beautification. Additionally, we increased the awareness of base personnel regarding improper material disposal and dumping.

**POC Name:** Bruce Pellington

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### NAVAL WEAPONS STATION EARLE COLTS NECK, NJ

**25.** <u>Success Description</u>: Our successful Solid Waste Management Program at Naval Weapons Station Earle depends on the diligence and attention to detail of the solid waste program

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#### NAVAL WEAPONS STATION EARLE COLTS NECK, NJ (continued)

manager; as well as, the cooperation of the base population consisting of approximately 1,500 personnel from roughly 36 different commands and tenants.

**Economic Benefits**: Economic benefits are recouped in the reduced cost of disposal, generated by the sale of the recyclable by the disposal contractor.

<u>P2 Environmental Benefits</u>: The station participates in the federal government and New Jersey Department of Environmental Protection mandatory recycling programs administered by the solid waste program manager and solid waste disposal contractors.

**POC Name:** Dennis Stewart

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### NAVY SUPPORT OFFICE LA MADDALENA SARDINIA, ITALY

**26.** <u>P2 Environmental Benefits</u>: Diverted 360 tons from the already overburdened local landfills. New solid waste bailer was installed at the Navy Exchange.

**Other Benefits**: Viewed as progressive by the community in protecting the local National Park.

**POC Name:** Lorenzo Faiella

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# PEARL HARBOR NAVAL SHIPYARD & INTERMEDIATE MAINTENANCE FACILITY, HI

- **27.** <u>Success Description</u>: PHNSY&IMF strip shreds all secured white paper that is allowed in accordance with security regulations. In previous years, secured paper was pulped and land filled. The shredded paper is now baled and sold to a recycler, therefore returning proceeds to the recycle program and extending the life of our precious landfill space.
- **P2** Environmental Benefits: Strip cutting the paper allows it to be recycled vice pulped and landfilled. Since the command started strip cutting its paper in January 2003, the amount of paper now being recycled increased by fifty percent from the previous reporting period.

**POC Name:** Karrie Maeda

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### SUBMARINE BASE, NEW LONDON GROTON, CT

**28.** <u>Success Description</u>: With more precise data tracking, a consolidation of hazardous waste/P2/solid waste data is now easier to compile and more accurate. Also included in our operation is the modification of contract specifications to include detailed descriptions of waste material and recycled material. These descriptions include matrix, amount, process, facility receiving waste, and processes involved to reclaim, recycle, or reuse.

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#### SUBMARINE BASE, NEW LONDON GROTON, CT (continued)

<u>Other Benefits</u>: Joined the National Waste Minimization Partnership Program sponsored by the Environmental Protection Agency. SUBASE New London was the first military unit to join the partnership program.

**POC Name:** Carl S. Dimario

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### US NAVAL FORCES MARIANAS SUPPORT ACTIVITY, GUAM

**29.** <u>Success Description</u>: Cardboard recycling. Cardboard balers installed throughout various areas in COMNAVMAR have greatly contributed to the diversion and overall recycling of cardboard. This success is directly contributed to the upswing in the Asian market for recyclable materials. Because of the P2 equipment, we are now able to effectively divert 388.8 tons of cardboard from the landfill.

**Economic Benefits**: As a direct result of cardboard recycling, 388.8 tons of cardboard was sent off-island for recycling as opposed to being landfilled.

**P2** Environmental Benefits: Continuing efforts to achieve our goals are more attainable. We can divert our cardboard from the solid waste stream thus extending the life of the landfill. Approximately 1,788 cubic yards of landfill space was saved due to the cardboard balers.

**POC Name:** Troy Imamura

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### US NAVAL STATION ROOSEVELT ROADS, PR

**30.** <u>Success Description</u>: Recycling program was established in December 2001. This program includes housing residents and voluntary military activities. We decreased land filled solid waste by 50%.

**Economic Benefits**: Waste diversion will prolong the Roosevelt Roads landfill life. Recycling revenues are used to cover the cost of recycling bins and materials.

<u>P2 Environmental Benefits</u>: Diverted 146.75 tons of recyclable materials (glass, plastics, paper, aluminum and cardboard) from the landfill.

**POC Name:** Wanda Emmanuelli

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### NAVAL STATION BREMERTON COMPLEX, WA

**31.** <u>Success Description</u>: On 1 Oct 2002, a recycle contract was in place with North Mason Fiber Company to chip or compost all wood material. The Bremerton Complex collected and disposed of 1,059.92 tons of wood from PSNS and Naval Station Everett.

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### NAVAL STATION BREMERTON COMPLEX, WA (continued)

**Economic Benefits**: During the FY03, recycling efforts resulted in a net savings of \$83,660.48. This savings does not include the benefits due to project contractors recycling efforts since that cost is incorporated into the cost of the contract.

<u>P2 Environmental Benefits</u>: No special tools or materials are needed because the vehicles and drivers that haul solid waste and recycled goods are the same vehicles and drivers that haul wood material. The Solid Waste Transfer Station and North Mason Fiber Company are within a couple miles of each other minimizing mileage.

**POC Name:** Sven Eklof

Commercial: 360-476-6083 Code: Fax: Email

# NAVAL AIR SYSTEMS COMMAND

#### NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION PATUXENT RIVER, MD

**32.** <u>Success Description</u>: Stockade fence give away to base community. A base housing project to replace the stockade fencing produced 78 tons of good useable pressure treated fencing. Rather than dispose of the fencing in the landfill, the contractor was requested to deconstruct rather than demolish the fencing and bring to Recycling Center. The Recycling Center advised the base community that this could be reused and was available free of charge.

**Economic Benefits**: By diverting 78 tons from the waste stream we saved approximately \$17,000 in transportation and landfill tipping fees.

**P2** Environmental Benefits: We prevented 78 tons from being land filled.

<u>Other Benefits</u>: Base community received a good usable product. We also raised the level of awareness of Recycling Center services.

**POC Name:** Christopher M Hill

Commercial: 301-342-4687 Code:

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**33.** <u>Success Description</u>: We established an electronics recycling program to help reduce electronic equipment being land filled and improperly disposed. A partnership agreement with a local volunteer consortium helped to remove 60 tons of electronic equipment from the waste stream and provided reuse and refurbishing for local schools and other groups who could not afford to purchase new equipment.

**Economic Benefits**: The program realized an estimated cost savings of \$12,000 in transportation, handling and landfill tipping fees.

**P2** Environmental Benefits: Reduction in waste. Also, diverted CRT tubes and monitors containing lead from the waste stream.

<u>Other Benefits</u>: Partnership with consortium has allowed us to capture all their cardboard and wood pallets for processing and reuse.

**POC Name:** Christopher M. Hill

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# NAVAL AIR SYSTEMS COMMAND

# OUTLYING LANDING FIELD SAN NICHOLAS ISLAND, CA

**34.** <u>Success Description</u>: Continuation of major island-wide clean-up programs (Operation Night Lizard and Operation Decolata). These programs consist of picking up abandoned waste and equipment from past operations.

<u>P2 Environmental Benefits</u>: Clean-up efforts continue to prevent wastes from traveling downstream and into the ocean.

**POC Name:** Gina Smith

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# **NAVAL SEA SYSTEMS COMMAND**

#### NAVAL SHIPYARD NORFOLK PORTSMOUTH, VA

**35.** <u>Success Description</u>: Recycling was integrated into a new solid waste contract taking effect in FY04. Obtaining and keeping sales contracts for recycled paper and cardboard through DRMO was difficult in the past. DRMO contracts would lapse and reestablishing them took time or no bids would be received. The new solid waste contract developed this past year included paper and cardboard collection and sales. This eliminated the need for a separate sales contract from DRMO and problems with maintaining a sales contract.

**Economic Benefits**: Recycled material collection and disposal is at a reduced cost from waste disposal. The revenues and reduced cost for recycled materials compared to waste, help reduce solid waste disposal costs.

**P2** Environmental Benefits: A means of recycling paper and cardboard is available starting in FY04 to reduce waste volume.

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#### NAVAL SURFACE WARFARE CENTER CRANE, IN

**36.** Success Description: Recycled approximately 200 tons of scrap lumber using a grinding operation. Selling the scrap lumber at the wood lot to employees is the primary method of depleting the material. Due to inclement weather conditions, wood lot sales were low, and a large amount of material was compiled, thus requiring an alternate method to deplete the lumber. The grinding operation allowed NSWC Crane to recycle the material, and divert it from disposal at the onsite landfill. This saved valuable landfill space and cost. The recycled material was used as a bio-fuel for a paper mill.

**Economic Benefits**: The wood-grinding project saved approximately \$23,303 by grinding the scrap lumber versus disposing of it at the NSWC Crane sanitary landfill.

<u>P2 Environmental Benefits</u>: This project diverted the scrap material from being disposed of at our sanitary landfill. The material was recycled in an environmentally friendly manner, and was

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## NAVAL SEA SYSTEMS COMMAND

### NAVAL SURFACE WARFARE CENTER CRANE, IN (continued)

used as bio-fuel--therefore, diverting some of the impact caused by burning fossil fuels for energy.

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**37.** <u>Success Description</u>: Sold approximately 300 tons of scrap lumber--diverting the material from the NSWC Crane sanitary landfill.

**Economic Benefits**: Revenues from the sale of scrap lumber were \$16,000. Cost to operate the wood lot was \$4,000. Total proceeds from the sale of scrap lumber were \$12,000. The cost to dispose of 300 tons of scrap lumber at the NSWC Crane sanitary landfill would be approximately \$64,788. Landfill cost for this material was diverted, and we accrued a \$12,000 profit.

**<u>P2 Environmental Benefits</u>**: Reuse of the scrap material; diverted landfill cost; and saved valuable landfill space.

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# FY03 POLLUTION PREVENTION ANNUAL DATA SUMMARY OTHER SELECT WASTE SUCCESS STORIES

## **COMMANDER, NAVY INSTALLATIONS (CNI)**

#### NAVAL RESEARCH LABORATORY WASHINGTON, DC

**1. Success Description:** NRL's commitment to education on P2 programs has increased awareness by laboratory personnel of items to recycle. This directly led to a 75% increase in the number of batteries recycled in 2003.

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## NAVAL SUPPORT ACTIVITY BAHRAIN, ASIA

**2.** <u>Success Description:</u> The continued pursuit of pollution prevention opportunities in this area of responsibility has resulted in a reduction at Naval Support Activity (NSA) Bahrain. It has resulted in the diversion of over 500 tons from the hazardous waste stream. NSA Bahrain will continue searching for opportunities to reduce waste via source reduction, recycling and other P2 alternatives.

**Economic Benefits:** Recycling and reuse has not just reduced disposal quantities but resulted in a cost avoidance of over \$1,100,000 in FY03.

<u>P2 Environmental Benefits:</u> The objective of the P2 program at NSA Bahrain is conserving landfill space and enhancing the environmental awareness of the base population and host nation community. The recycling program concentrates on resource recovery to decrease the degradation of our environmental resources and to ensure that future generations can enjoy the same benefits as we do today.

<u>Other Benefits:</u> The host nation engagement and community involvement have enhanced our good relations with the host nation tremendously.

**POC Name:** Awni Almasrio

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#### NAVAL SUBMARINE BASE KINGS BAY, GA

**3. Success Description:** We diverted 50 tons of concrete rubble from landfill to recycling.

**Economic Benefits:** We saved \$1,122.50 in tipping fees.

**P2** Environmental Benefits: We conserved landfill space.

**POC Name:** Tom Stoflet

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## **COMMANDER, NAVY INSTALLATIONS (CNI)**

#### NAVAL AIR STATION SIGONELLA, ITALY

**4. Success Description:** We diverted 1,410.82 tons of construction and debris (C&D) from the landfill. We recycled through the National Oil Recycling Consortium 38.45 tons of used fuel.

**Economic Benefits:** We saved \$79,668.73 by recycling C&D and saved \$2,310.78 by avoiding disposal of 38.45 tons of used fuel.

<u>P2 Environmental Benefits:</u> We avoided disposal of 38.50 tons of used oil, 1,410.82 tons of C&D, and 19.42 tons of lead-acid batteries.

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## NAVAL SUPPORT ACTIVITY SOUDA BAY, GREECE

**5. Success Description:** We are burning used oils as fuel for energy recovery. **Economic Benefits:** The total cost avoidance is approximately \$164,500. We avoided purchasing \$30,000 for boiler fuel plus avoided disposal cost of \$140,000. Also avoided recycle cost of \$4,500.

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#### NAVY SUPPORT OFFICE LA MADDALENA SARDINIA, ITALY

6. Success Description: Lead acid batteries and used oil are completely recycled.
 Economic Benefits: Used oil and lead acid batteries disposal cost was eliminated.
 P2 Environmental Benefits: All used oil is reused at other facilities for beneficial use.

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#### NAVAL TRAINING CENTER GREAT LAKES, IL

**7. Success Description:** Soil from Recruit Training Command "Recapitalization Project" was used as a quality soils clay cap on the closed landfill at Naval Station Great Lakes. A total of 104,260 tons were placed for landfill cap.

**Economic Benefits:** The recycling or reuse of the soils saved the Naval Training Station over \$575,000 in transportation, tipping fees, and two future environmental landfill-capping projects.

<u>P2 Environmental Benefits:</u> Capping the landfill eliminated the need for two environmental projects. Due to funding issues these would not have been completed and the State of Illinois would issue "Notice of Violations" for not maintaining and repairing the two-landfill caps.

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## COMMANDER, NAVY INSTALLATIONS (CNI)

#### NAVAL AIR STATION MERIDIAN, MS

**8.** <u>Success Description:</u> We procured a recycling bulb eater machine for fluorescent bulbs. **Economic Benefits:** When fully implemented, this initiative will save approximately \$2,100 for

disposal cost and \$800 in containers cost annually.

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#### COMMANDER FLEET ACTIVITIES YOKOSUKA, JAPAN

**9. Success Description:** We hired a local contractor who accepts used fuel oil at "no economic benefit" to them. The contractor collected 93,400 gallons, which yielded \$40,972 in used oil disposal cost avoidance.

**POC Name:** Frank Floros

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#### NAVAL AIR FACILITY ATSUGI, JAPAN

**10.** <u>Success Description:</u> We recycled oil at no cost to the government. **Economic Benefits:** There were cost savings of over \$2,000 per year.

**P2 Environmental Benefits:** There were fewer drums used and less transportation necessary.

**POC Name:** Michael Carsley

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#### NAVAL SUPPORT FACILITY DIEGO GARCIA

**11.** <u>Success Description:</u> The use of 200 tons of C&D, in erosion control projects, reduced the importation of fill materials. The soil from C&D projects was reused as cover materials in the landfill.

Economic Benefits: We avoided about \$38,600 in costs by reusing and recycling 200 tons of C&D and 6.9 tons of antifreeze.

**P2** Environmental Benefits: Recycling of C&D reduces the volume of wastes buried in the landfill, which extends the life expectancy of a very limited landfill space. Recycling of antifreeze eliminates off-island disposal and related disposal costs. It eliminates the necessity to buy a new product. It also provides additional space and reduces volume for waste management in the hazardous waste facility.

**POC Name:** Edgardo P. Ibay

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## **COMMANDER, NAVY INSTALLATIONS (CNI)**

#### NAVAL SUPPORT FACILITY DIEGO GARCIA (continued)

**12.** <u>Success Description</u>: The C&D in erosion control and antifreeze projects were effective because of the Solid Waste Management Plan (SWMP) and the Qualified Recycling Programs (QRP), which reduced the waste stored at the landfill and Hazardous Waste Storage Area. **P2 Environmental Benefits:** About 890 tons of recyclable materials were diverted away from Diego Garcia by the SWMP and the QRP.

**POC Name:** Edgardo P. Ibay

#### US NAVAL FORCES MARIANAS SUPPORT ACTIVITY, GUAM

**13.** <u>Success Description:</u> Through better management, aggressive sampling and segregation, we have managed to divert our used oil from the hazardous waste stream. COMNAVMAR and the base operating support contractor worked diligently to pursue recycling efforts with the locally run power plant. As a result, all used oil that meets specifications, is now sent to the local power plant.

**Economic Benefits:** Direct transfer of used oil to the local power plant has resulted in a savings of approximately \$104,000. Other efforts to reduce our disposal costs are constantly being pursued.

<u>P2 Environmental Benefits</u>: Through the used oil recycling process between the Navy and the local power authority, we now have an avenue to recycle for energy recovery locally. Previously, it has been a real challenge being on an island with little recycling resources available.

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## **NAVAL AIR SYSTEM COMMAND**

#### NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION PATUXENT

**14.** <u>Success Description:</u> We purchased and installed a scrap metal compactor and two 42-cubic yard enclosed roll off containers. This has allowed us to increase our scrap metal tonnage that is transported and reduce our transportation costs by 50% per load. It has also increased revenue by meeting minimum contractor weight hauling requirements for payment.

**Economic Benefits:** We have reduced transportation costs and increased revenue payments from scrap metal leaving the Recycling Center. This also gives us the capability to reduce demolition/renovation contract prices because the product does not leave the base.

**P2** Environmental Benefits: We are able to handle and accept more demolition scrap metal rather than sending it to the landfill.

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## NAVAL SEA SYSTEMS COMMAND

#### NAVAL SHIPYARD NORFOLK PORTSMOUTH, VA

- **15.** <u>Success Description:</u> During the remediation and restoration efforts at the old Navy landfill site, it was determined that waste being removed could be used as daily cover at the landfill rather than being placed in the cell. Abrasive blast media (ABM) and calcium hydroxide mixed with fly ash were used as a daily pre-cover at a local landfill. This eliminated the need for the landfill to buy or excavate fill soil for the daily cover.
- <u>P2 Environmental Benefits:</u> Using 36,361 tons of ABM and calcium hydroxide as pre-cover at the landfill provided a beneficial reuse at the landfill. Cleanup of the restoration site along the Elizabeth River provides improved habitat and water quality for the surrounding community.

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#### NAVAL UNDERSEA WARFARE CENTER DET AUTEC ANDROS

**16.** <u>Success Description:</u> We have just begun to recycle used oil at AUTEC. **Economic Benefits:** We expect to reduce our disposal costs by at least 50%.

**POC Name:** Marc Ciminello

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# FY03 POLLUTION PREVENTION ANNUAL DATA SUMMARY AFFIRMATIVE PROCUREMENT SUCCESS STORIES

## COMMANDER, NAVY INSTALLATIONS (CNI)

#### NAVAL TRAINING CENTER GREAT LAKES, IL

**1. <u>Success Description:</u>** Affirmative Procurement is incorporated for purchases at the base office supply store (Servmart). Paper products and office supplies, made of recycled products, are available for purchase at a convenient location on base.

**Economic Benefits**: Shoppers can purchase "Buy Recycled Products" at Servmart. The convenient location allows personnel to use less time traveling back and forth to stores so they can return to their work center sooner. These products are competitively priced and of equal quality to "new" products.

<u>P2 Environmental Benefits:</u> Purchase of "Buy Recycled Products" fulfills requirements of Executive Order 13101. Also purchasing office products from the base Servmart means shoppers generating less vehicle air pollution since they don't travel as far to shop.

<u>Other Benefits:</u> During the annual Customer Appreciation Day, a display table is set up to educate shoppers on the importance of buying recycled products and how that benefits our environment. This education encourages shoppers to "look" before they buy.

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## NAVAL AIR FACILITY EL CENTRO, CA

**2. <u>Success Description:</u>** Last year, 33% of the base was buying recycled paper. This year, 100% of the base is purchasing recycled paper, plus other recycled products, through AP program awareness.

P2 Environmental Benefits: We saved energy and conserved natural resources. Impacted the amount of waste that was sent to the landfills. It stimulated the market for products that are made with recycled materials. It decreased negative effects on human health and environment.

Other Benefits: All of the construction contracts are in compliance with the AP FAR Clause and AP FAR Provision. FAR 52.223-9: The following clause is used in solicitations and contracts exceeding \$100,000 requiring EPA-designated products. This clause requires an estimate of the percentage of the total recovered material used in contract performance. This includes, if applicable, the percentage of post consumer material content and the submission of this estimate to the Contracting Officer. FAR 52.223-4: As required by the RCRA of 1976 (42 U.S.C. 6962 ©(3) (A)(i), the offeror certifies, by signing this offer, that the percentage of recovered materials to be used in the performance of the contract will be at least the amount required by the applicable contract specifications. All records are maintained at the ROICC office. We recommend the "Buying Green" course because it helps the attendee understand purchasing rules as they apply to environmental issues.

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#### Distribution:

COMFLEACT SASEBO JA (C68A)

COMFLEACT CHINHAE (N8E)

COMFLEACT OKINAWA JA (N4F/ENV)

COMFLEACT YOKOSUKA JA (Code 1073)

COMNATNAVMEDCEN BETHESDA MD (Code 5400)

COMNAVACT LONDON UK (R10)

COMNAVAIRWPNSTA CHINA LAKE CA (N45NCW)

COMNAVDIST WASHINGTON DC (ENV MGR)

COMNAVMARIANAS GUAM (N454)

COMNAVMEDCEN PORTSMOUTH VA (Code 0731A1)

COMNAVMEDCEN SAN DIEGO CA (BGA)

COMNAVSHIPYD NORFOLK VA (Code 106.31)

COMNAVSHIPYD AND IMF PEARL HARBOR HI (Code 106.3)

COMNAVSHIPYD PORTSMOUTH NH (Code 106.31L)

COMNAVSURFWARCEN CARDEROCKDIV BETHESDA MD (Code 3540)

COMNAVSURFWARCENDIV CRANE IN (RP3-RL)

COMNAVSURFWARCENDIV DAHLGREN VA (XDC8)

COMNAVSURFWARCENDIV INDIAN HEAD MD (Code 044JW)

COMNAVUSEAWARCENDIV KEYPORT WA (Code 10B)

COMNTC GREAT LAKES IL (N451C)

CO AFETA CAMP PEARY WILLIAMSBURG VA (Environmental Office)

CO CBC GULFPORT MS (Code 410)

CO FISC PEARL HARBOR HI (N465)

CO NAF ATSUGI JA (N51N)

CO NAF EL CENTRO CA (N45MY)

CO NAS ATLANTA GA (Code 83)

CO NAS BARBERS PT HI (N465)

CO NAS BRUNSWICK ME (Code 33)

CO NAS CORPUS CHRISTI TX (Code 186)

CO NAS FALLON NV (N45MY4B)

CO NAS JACKSONVILLE FL (Code 184BR)

CO NAS JRB FORT WORTH TX (N82)

CO NAS JRB NEW ORLEANS LA (N12B8)

CO NAS JRB WILLOW GROVE PA (Code 89)

CO NAS KEFLAVIK IC (Code 6063)

CO NAS KEY WEST FL (N4L)

CO NAS KINGSVILLE TX (Code 00N00)

CO NAS LEMOORE CA (N45MY)

CO NAS MERIDIAN MS (Code 18914)

CO NAS NORTH ISLAND CA (N45MY)

CO NAS OCEANA VA (Code 940.1)

CO NAS PATUXENT RIVER MD (ENV MGR)

CO NAS PENSACOLA FL (Code 00600)

CO NAS SIGONELLA IT (N49)

CO NAS WHIDBEY ISLAND WA (N44R)

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- Distribution: (Continued)
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- CO NAES LAKEHURST NJ (Code 8.7.4)
- CO NAVHOSP BEAUFORT SC (Code 01E)
- CO NAVHOSP BREMERTON WA (Code 014E)
- CO NAVHOSP CHARLESTON (Code 045)
- CO NAVMAG LUALUALEI HI (N465)
- CO NAVPHIBASE LITTLE CREEK VA (Code 940.1)
- CO NAVREGCONCEN SINGAPORE (N75)
- CO NAVSECGRUACT KUNIA HI (J41)
- CO NAVSECGRUACT SUGAR GROVE WV (N45)
- CO NAVSTA BREMERTON COMPLEX (N45A41.S)
- CO NAVSTA NORFOLK VA (Code 940.1)
- CO NAVSTA BREMERTON COMPLEX (N45A41.S)
- CO NAVSTA EVERETT WA (N45A21)
- CO NAVSTA GUANTANAMO BAY CU (Code 2051)
- CO NAVSTA INGLESIDE TX (N761)
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- CO NAVSTA PASCAGOULA MS (N751)
- CO NAVSTA PEARL HARBOR HI (N465)
- CO NAVSTA ROTA SP (N7N4)
- CO NAVSTA SAN DIEGO CA (N45MY)
- CO NAVSUPPACT ATHENS GA (Code 102)
- CO NAVSUPPACT BAHRAIN (N70)
- CO NAVSUPPACT LA MADDALENA IT (Code 007)
- CO NAVSUPPACT MIDSOUTH MEMPHIS TN (Code 0101)
- CO NAVSUPPACT MONTEREY CA (N46GEW)
- CO NAVSUPPACT NAPLES IT (N77)
- CO NAVSUPPACT NEW ORLEANS LA (N12B8)
- CO NAVSUPPACT PANAMA CITY FL (PCXD42)
- CO NAVSUPPACT PHILADELPHIA PA (ENV DEPT)
- CO NAVSUPPACT SOUDA BAY GR (ENV MGR)
- CO NAVSUPPFAC DIEGO GARCIA (N5E1)
- CO NAVSUPPSTA MECHANICSBURG PA (Code 09M22)
- CO NAVUNSEAWARCEN DIV NEWPORT RI (Code 551)
- CO NBVC PORT HUENEME CA (N45MY)
- CO NBVC POINT MUGU CA (N45MY)
- CO NETPMSA SAUFLEY FIELD FL (Code 22000)
- CO NCTAMS EASTPAC WAHIAWA HI (N465)
- CO NRL WASHINGTON DC (Code 3546)
- CO NTTC CORRY STATION PENSACOLA FL (Code 00600)
- CO NSWC DIV CORONA CA (CB-093)
- CO OLF SAN DIEGO SAN NICOLAS ISLAND CA (Code 870000E)
- CO PACMISRANFAC HAWAREA BARKING SANDS HI (Code 7031.5B)
- CO SPAWARSYSCEN SAN DIEGO CA (Code 20384)

Distribution: (Continued)

CO SUBASE BANGOR WA (N45RS)

CO SUBASE KINGS BAY GA (PW4)

CO SUBASE NEW LONDON CT (Code N8S51)

CO SUBASE SAN DIEGO CA (N45MY)

CO SURFCOMBATSYSCEN WALLOPS ISLAND (M221)

CO WPNSTA CHARLESTON SC (Code 092)

CO WPNSTA EARLE COLTS NECK NJ (E200)

CO WPNSTA SEAL BEACH CA (N45MY)

CO WPNSTA YORKTOWN VA (Code 940.1)

DIR NAVSEA DET NISMF PEARL HARBOR HI (N32)

OIC NAVUNSEAWARCENDET AUTEC ANDROS ISLAND BAHAMAS (Code 7007)

SUP USNA ANNAPOLIS MD (NDW170)

NIROP ABL ROCKET CENTER WV (ENV SPEC)

NIROP FRIDLEY MN (ENV MGR)

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CNI (N45)

COMLANTFLT (N4653B)

COMPACFLT (N46534)

**COMUSNAVEUR (N44E)** 

COMNETC (OS4413)

COMNVRESFOR (N464C)

OCNR (ONR41)

COMNAVDIST WASHINGTON DC (REC)

COMNAVMETOCCOM (N14)

**COMNAVSECGRU** 

COMNAVNETOPCOM (N14)

COMNAVSEASYSCOM (SEA-00TP, SEA-00T)

COMNAVAIRSYSCOM (AIR-8.3)

**COMNAVSPAWARSYSCOM** 

COMNAVFACENGCOM (ENV)

COMPACNAVFACENGCOM (ENV1812C0, ENV181)

COMNAVREG EUROPE (REC)

COMNAVREG MIDLANT NORFOLK VA (REC)

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COMNAVREG SOUTHWEST SAN DIEGO CA (REC)

COMNAVREG NORTHEAST NEW LONDON CT (REC)

COMNAVREG NORTHWEST SEATTLE WA (REC)

COMNAVREG HAWAII PEARL HARBOR HI (REC)

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COMNAVREG GULF COAST (REC)

COMNAVMARIANAS GUAM (REC)

COMNAVFORJAPAN (REC)

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COMNAVFORKOREA (REC)

CO NAVENVIRHLTHCEN NORVA (EPWR) (BUMED copy)

CO SOUTHNAVFACENGCOM (ES23)

CO SOUTHWESTNAVFACENGCOM (Code 572)

CO ENGFLDACT CHES (Code 02)

CO ENGFLDACT MED (EV)

CO ENGFLDACT MIDWEST GREAT LAKES IL (Code 914)

CO ENGFLDACT NORTHEAST PHILADELPHIA PA (ENV12, ENV12/JIM)

CO ENGFLDACT NORTHWEST SILVERDALE WA (Code 05E)

CO ENGFLDACT SOUTHEAST (Code 05LB)